



Local Public Agency Formal Contract



Contractor's Name

Alliance Contractors, Inc.

Contractor's Address

1166 Lake Avenue

City

Woodstock

State

IL

Zip Code

60098

STATE OF ILLINOIS

Local Public Agency

Village of Buffalo Grove

County

Cook

Section Number

Street Name/Road Name

Arlington Heights Rd

Type of Funds

General (Local)

CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

[Handwritten Signature]

08/18/2022

Official Title

VILLAGE MANAGER

Department of Transportation

Concurrence in approval of award

Regional Engineer Signature

Date

Local Public Agency	Local Street/Road Name	County	Section Number
Village of Buffalo Grove	Arlington Heights Rd	Cook	

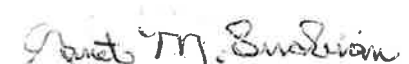
1. THIS AGREEMENT, made and concluded the _____ day of _____ between the Village of Buffalo Grove, known as the party of the first part, and Alliance Contractors, Inc., its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____ in Village of Buffalo Grove, approved by the Illinois Department of Transportation on _____, are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The Village of Buffalo Grove


Clerk	Date
	

(SEAL)

Party of the First Part	Date
By: 	08/31/2022

(If a Corporation)

Corporate Name
Alliance Contractors, Inc.

President, Party of the Second Part	Date
By: 	8-19-22

(If a Limited Liability Corporation)

LLC Name


Manager or Authorized Member, Party of the Second Part
By:

(If a Partnership)

Partner	Date

Partner	Date

Attest: Asst. Secretary

	Date
	8-19-22

(SEAL)

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part	Date



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Arlington Heights Road	

Bond information to be returned to Local Public Agency at 51 Raupp Blvd. Buffalo Grove, IL 60089
Complete Address

We, Alliance Contractors, Inc., 1166 Lake Ave., Woodstock, IL 60098
Contractor's Name and Address

a/an Corporation organized under the laws of the State of Delaware as PRINCIPAL, and
State

Travelers Casualty and Surety Company of America, 215 Shuman Blvd., Naperville, IL 60563
Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of
One Hundred Two Thousand Nine Hundred Thirty Three and 07/100

Dollars (102,933.07) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to pay to the LPA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that the said Principal has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW, THEREFORE, if the said Principal shall perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to it for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LPA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this 19th day of August, 2022
Day Month and Year

PRINCIPAL

Company Name

Alliance Contractors, Inc.

By

Signature & Title	Date
<u>[Signature]</u> Pres.	8-19-22

Attest

Signature & Title	Date
<u>[Signature]</u> Asst. Sec.	8-19-22

Company Name

By

Signature & Title	Date

Attest

Signature & Title	Date

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

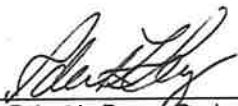
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Samantha Austin** of **Brookfield Wisconsin**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st day of April, 2021**.



State of Connecticut

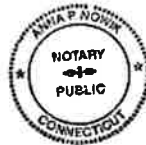
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **21st day of April, 2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th day of June, 2026**




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **19th** day of **August**, **2022**




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**



Local Public Agency
Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Alliance Contractors, Inc		
Contractor's Name		
1166 Lake Avenue		
Street		P.O. Box
Woodstock	IL	60098
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Cook
Village of Buffalo Grove
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. Arlington Heights Road
 SECTION NO. N/A
 TYPES OF FUNDS General (Local)

SPECIFICATIONS (required) PLANS (required)

For Municipal Projects
 Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

Department of Transportation
 Released for bid based on limited review

Regional Engineer

Date

For County and Road District Projects
 Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

NOTICE TO BIDDERS

County Cook
 Local Public Agency Village of Buffalo Grove
 Section Number N/A
 Route Arlington Heights Road

Sealed proposals for the improvement described below will be received electronically at www.vbg.org/bids
https://bit.ly/3wsEUQ8 until 9:00 am on Thursday, August 4, 2022
Address Time Date

Sealed proposals will be opened and read publicly via Microsoft Teams Meeting
https://bit.ly/3uYkf6F at 9:00 am on Thursday, August 4, 2022
Address Time Date

DESCRIPTION OF WORK

Name Arlington Heights Road Crosswalk Relocation Length: 967 feet (0.18 miles)
 Location Arlington Heights Road between Dundee Road and Nichols Road
 Proposed Improvement The work consists of median installation, ADA improvements, sidewalk installation, curb and gutter, signing, pavement markings, and other related work.

1. Plans and proposal forms will be available in the office of www.vbg.org/bids
Office of the Purchasing Manager -
Address

2. Prequalification
 If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. ~~One original shall be filed with the Awarding Authority and one original with the IDOT District Office.~~

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
 a. BLR 12200: Local Public Agency Formal Contract Proposal
 b. BLR 12200a Schedule of Prices
 c. BLR 12230: Proposal Bid Bond (if applicable)
~~d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)~~
 e. BLR 12326: Affidavit of Illinois Business Office


5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. Each proposal should be submitted in an opaque envelopes and shall be marked to clearly indicate its contents. When sent by mail, the sealed proposed shall be addressed to the Village of Buffalo Grove at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

10. All bidders are prohibited from making any contact with the Village President, Trustees, or any other official or employee of the Village (collectively, 'Municipal Personnel') with regard to the Project, other than in the manner and to the person(s) designated herein. The Buffalo Grove Village Manager reserves the right to disqualify any bidder that is found to have contacted Municipal Personnel in any manner with regard to the Project. Additionally, if the Buffalo Grove Village Manager determines that the contact with Municipal Personnel was in violation of any provision of 720 ILCS 5/33E, the matter will be turned over to the State's Attorney for review and prosecution.
11. All prime contractors shall be IDOT prequalified contractors with a value equal to or greater for the type of work they are to perform as part of the Contract. Furthermore, all bidders are required to register with the Village of Buffalo Grove at: <https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration>
OR
www.vbg.org/bids
12. All bid proposals must be submitted electronically through the Village's Vendor Registry online procurement system. **Hard copy bids will not be accepted.** As read results of the bids will be posted to the Village's webpage, www.vbg.org/bids as soon as possible following the bid opening. In order to submit a bid proposal, bidders shall:
- Go to www.vbg.org/bids
 - Select on the project description, 'Arlington Heights Road Crossing Relocation' and click the large red button at the top: 
 - Log in to your account and enter your total bid.
 - Include an attachment (up to 200 MB), the following bid documents only:
 - Local Public Agency Formal Contract Proposal (8 Pages)
 - Local Agency Proposal Bid Bond
 - The following documents will be requested by the two (2) as read low bidders immediately following the bid opening:
 - Affidavit of Illinois Business Office
 - Affidavit of Availability
 - Village of Buffalo Grove Public Contract Statements

All bids will be opened and read publicly via the Microsoft Teams video conferencing platform.

Please join my meeting from your computer, tablet or smartphone.

<https://bit.ly/3uYkf6F>

All communication during the bid process shall be directed to:

Village of Buffalo Grove
Attn: Andrea Larson
51 Raupp Boulevard
Buffalo Grove, IL 60089
(847) 459-2523
alarson@vbg.org

PROPOSAL

County	<u>Cook</u>
Local Public Agency	<u>Village of Buffalo Grove</u>
Section Number	<u>N/A</u>
Route	<u>Arlington Heights Road</u>

- Proposal of Alliance Contractors, Inc
1166 Lake Avenue, Woodstock, IL 60098
for the improvement of the above section by the construction of median installation, ADA improvements,
sidewalk installation, curb and gutter, signing, pavement markings, and other related work

a total distance of 967 feet, of which a distance of 967 feet, (0.18 miles) are to be improved.

- The plans for the proposed work are those prepared by Civiltech Engineering, Inc.
~~and approved by the Department of Transportation on~~
- The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
- The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
- The undersigned agrees to complete the work within 15 working days ~~or by~~ _____ unless additional time is granted in accordance with the specifications.
- A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Treasurer of Buffalo Grove

The amount of the check is Bid Bond (5% of Total Bid) (5%).

- The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
- Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
- A bid will be declared unacceptable if neither a unit price nor a total price is shown.
- The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

2022 Arlington Heights Road Crosswalk Relocation Addendum #1

TO: Prospective Respondents and Other Interested Parties

FROM: The Village of Buffalo Grove Finance Department

ISSUE DATE: August 1, 2022

SUBJECT: ADDENDUM #1

Note: This Addendum is hereby declared a part of the original bid and contract documents and in case of conflict, the provisions in the following Addendum shall govern.

The following changes and clarifications shall be made to the Bid Documents for the Arlington Heights Road Crosswalk Relocation due to requests from the Cook County Department of Transportation and Highways:

Replace the below plan sheets with attached Addendum 1 plan sheets:

Sheet 3 – Summary of Quantities sheet 1 of 2

Sheet 4 – Summary of Quantities sheet 2 of 2

Sheet 6 – Roadway Plan sheet 1 of 1

Sheet 7 – Median Detail sheet 1 of 1

Sheet 8 – Pavement marking, Signing, and Landscape Restoration Plan sheet 1 of 1

Replace Page 8 SCHEDULE OF PRICES with the attached SCHEDULE OF PRICES. The bidder shall utilize the attached Schedule of Prices sheet to complete and return the bid proposal.

Replace the Special Provision sheets with the attached Special Provision sheets:

Special Provisions – Index (sheet i)

Special Provisions – Sheet 10 (10)

Summary: Revised “Retroreflective Flex Posts” pay item to “Retroreflective Yellow Flex Posts” Per Cook County comment.

PROSPECTIVE RESPONDENTS ARE TO ACKNOWLEDGE RECEIPT OF ADDENDUM #1. AND SHALL INCLUDE AND NOTE THIS ADDENDUM IN YOUR RESPONSE.

RESPONDENT: Alliance Contractors, Inc

SIGNED:  DATE: August 4, 2022

TITLE : Vice President

RETURN WITH BID
SCHEDULE OF PRICES

ADDENDUM 1

Base Bid Scope of Work:

For the complete scope of work and information covering these items, see the plans and specifications.

ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL

The following Unit Prices will be used for basis of payment and shall be the bidder's proposal for completing the entire improvements herein.

BASE BID

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
21101615	TOPSOIL FURNISH AND PLACE, 4"	35	SQ YD	43.00	1505.00
25000400	NITROGEN FERTILIZER NUTRIENT	1	POUND	10.00	10.00
25000600	POTASSIUM FERTILIZER NUTRIENT	1	POUND	10.00	10.00
25200110	SODDING, SALT TOLERANT	35	SQ YD	86.00	3010.00
25200200	SUPPLEMENTAL WATERING	5	UNIT	100.00	500.00
35101400	AGGREGATE BASE COURSE, TYPE B	92	TON	30.00	2760.00
42001300	PROTECTIVE COAT	158	SQ YD	0.01	1.58
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	320	SQ FT	15.95	5104.00
44000100	PAVEMENT REMOVAL	57	SQ YD	45.00	2565.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	61	FOOT	25.00	1525.00
44000600	SIDEWALK REMOVAL	278	SQ FT	5.00	1390.00
44003100	MEDIAN REMOVAL	406	SQ FT	5.00	2030.00
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	7	FOOT	88.00	616.00
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	55	FOOT	93.50	5142.50
60619200	CONCRETE MEDIAN, TYPE SB-6.06	919	SQ FT	40.00	36760.00
67100100	MOBILIZATION	1	L SUM	17900.00	17900.00
70107025	CHANGEABLE MESSAGE SIGN	28	CAL DA	40.00	1120.00
72000100	SIGN PANEL, TYPE 1	92	SQ FT	24.00	2208.00
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	4	EACH	100.00	400.00
72800100	TELESCOPING STEEL SIGN SUPPORT	123	FOOT	20.00	2460.00
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	37	SQ FT	25.78	953.86
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	75	FOOT	20.55	1541.25
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	96	FOOT	25.78	2474.88
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	232	SQ FT	10.00	2320.00
Z0013798	CONSTRUCTION LAYOUT	1	L SUM	1500.00	1500.00
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	2	EACH	250.00	500.00
Z0019600	DUST CONTROL WATERING	1	UNIT	1.00	1.00
X1400118	CONDUIT SPECIAL	7	FOOT	50.00	350.00
CCDOH231	TRAFFIC PROTECTION	1	L SUM	4000.00	4000.00
CCDOH325	DETECTABLE WARNINGS (SPECIAL)	40	SQ FT	40.00	1600.00
	RETROREFLECTIVE YELLOW FLEX POSTS	3	EACH	225.00	675.00

PROPOSAL OF UNIT PRICE BASE BID TOTAL: 102,933.07

Written Amount for Proposal of Unit Price Base Bid Total:

One Hundred Two Thousand Nine Hundred Thirty Three & 07/100

CONTRACTOR CERTIFICATIONS

County	Cook
Local Public Agency	Village of Buffalo Grove
Section Number	N/A
Route	Arlington Heights Road

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

- Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Village of Buffalo Grove to recover all amounts paid to the individual or entity under the contract in a civil action.
- Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department or the Village of Buffalo Grove by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

- Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
- Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.
- Conflict of Interest.** The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The undersigned supplier hereby represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of the this (bid or purchase order) that none of the following Village Officials are either an officer or director of supplier or owns five percent (5%) or more of the Supplier: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Planning & Zoning Commission, the Village Manager and his Assistant or Assistants, or the heads of the various departments of the Village of Buffalo Grove.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof:

(Official) _____

SIGNATURES

County	<u>Cook</u>
Local Public Agency	<u>Village of Buffalo Grove</u>
Section Number	<u>N/A</u>
Route	<u>Arlington Heights Road</u>

(If an individual)

Signature of Bidder _____
 Printed Name _____
 Business Address _____

(If a partnership)

Firm Name _____
 Signed By _____
 Printed Name _____
 Business Address _____

Inset Names and Addressed of All Partners

(If a corporation)

Corporate Name Alliance Contractors, Inc
 Signed By *Scott A. Marquart*
 Printed Name Scott A. Marquart
Vice President
 Business Address 1166 Lake Avenue
Woodstock, IL 60098

Insert Names of Officers

President Michael J. Paulson
 Secretary Helen J. Ruth
 Treasurer _____

Attest: *[Signature]*
 Assistant Secretary



Route Arlington Heights Road
County Cook
Local Agency Village of Buffalo Grove
Section

RETURN WITH BID

PAPER BID BOND

WE Alliance Contractors, Inc., 1166 Lake Avenue, Woodstock, IL 60098 as PRINCIPAL, and Travelers Casualty and Surety Company of America, 215 Shuman Boulevard, Naperville, IL 60563 as SURETY, are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 4th day of August 2022

Principal

Alliance Contractors, Inc. (Company Name) Vice President (Signature and Title)
By: [Signature]
(Company Name) (Signature and Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Travelers Casualty and Surety Company of America (Name of Surety)
By: Kathleen Stewart, (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,

COUNTY OF McHenry

I, Dawn Thibadeau, a Notary Public in and for said county, do hereby certify that Scott A. Marquart and Kathleen Stewart

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 4th day of August 2022

My commission expires May 13, 2026
OFFICIAL SEAL DAWN L THIBADEAU (Notary Public)

Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title)

Date



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Kathleen Stewart** of **Chicago / Naperville, Illinois**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

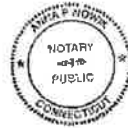
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **14th** day of **August**, 2022




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**

General Conditions

1. Scope of Work

The provisions of Article 104.02 of the Standard Specifications are hereby amended as follows: **"The Village of Buffalo Grove (Village) expressly reserves the right to remove from or add to the project any portions thereof included in the Arlington Heights Road Crosswalk Relocation. Such reductions or additions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any reduction in the scope of work required by the Village prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid."**

2. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village etc. shall mean the Village of Buffalo Grove.

3. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

4. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

5. Prequalification of Bidders

Bidders shall be prequalified with the Illinois Department of Transportation in accordance with Article 102.01 of the Standard Specifications and is required by all bidders.

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

<https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration>

OR

www.vbg.org/bids

Select the link 'Register My Business'

Please contact Vendor Registry at (844) 802-9202 for assistance in the registration process.

The Village of Buffalo Grove reserves the right to reject any or all proposals if the bidder does not comply with the requirements as stated herein.

6. Completion Date

The Contractor shall commence the work to be performed under this contract, on or near Tuesday, September 6, 2022. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall complete all work in the contract by (SEE SPECIAL PROVISIONS).

In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications shall apply following the calendar day schedule of deductions.

The estimated Village Board award date for this project is Monday, August 15, 2022.

7. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement on each subsequent street. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

8. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on weekends or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods specified including but not limited to, material deliveries, mobilization of equipment, warming up machinery, and mobilization of equipment, a penalty of \$1,000 per occurrence may be imposed.

9. Use of the Work Site

Contractor shall use the Work Site solely to complete the Work and such related activities as may be authorized or directed by the Village. Except as provided herein, Contractor shall not (nor shall Contractor cause or permit any employee or person under Contractor's control) to display or broadcast commercial, political, or religious messages or advertisements of any nature at the Work Site or in connection with the Work. The foregoing shall not be construed to prohibit the following at the Work Site or in connection with the Work: (a) the use of equipment, materials, or other items (e.g. personnel uniforms and clothing) that identify the Contractor (such as by displaying the Contractor's name, logo, slogan, contact information, or similar messages) or that identify the maker or supplier of such equipment, material, or item; or (b) the use or display of signs, flags, cones, traffic control devices, markers, or other similar devices that reasonably relate to the Work, Work Site safety, public safety, or regulatory compliance; or (c) personal speech, religious practice, or expression by any individual performing Work or at the Work Site; or (d) upon written approval or direction of the Village, the display of information regarding the sponsor of the Work or funding sources for the Work.

In addition, Contractor shall not (nor shall Contractor require or permit its personnel, subcontractors, or subcontractors' personnel to) conduct any prohibited political activity at the Work Site or while performing the Work. Contractor and its personnel or subcontractors (including any subcontractor's personnel) shall not intentionally or knowingly use the Work Site or any other property or resources of the Village in connection with any prohibited political activity. For purposes of this section, the term "prohibited political activity" shall have the meaning set forth in Section 5 of the State Officials and Employees Ethics Act, 5 ILCS 430/1-5.

10. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

11. Authority of the Engineer

Revise Article 105.01 Authority of Engineer to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

1 2. Status of Utilities (D-1)

(PER IDOT DISTRICT 1 SPECIAL PROVISIONS)

UTILITIES TO BE ADJUSTED

(PER IDOT DISTRICT 1 STATUS OF UTILITIES SPECIAL PROVISION)

UTILITIES TO BE WATCHED AND PROTECTED

(PER IDOT DISTRICT 1 STATUS OF UTILITIES SPECIAL PROVISION)

13. . Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractors discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to

the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with this specification herein will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

14. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

15. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of \$1,000 per occurrence that will be imposed.

16. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer and as per the contract Special Provision for DUST CONTROL WATERING.

17. Landscape Restoration

This work shall include all labor, material, and equipment necessary to furnish, install, and maintain pulverized topsoil, seed, and granular mulch in accordance with Sections 211 and 250 of the Standard Specifications and as specified herein. This general condition shall only apply when the area of disturbance is six (6) inches or less from the edge of the proposed hardscape. When additional landscape restoration is required by the Engineer to blend the new sidewalk elevation to the existing terrain over a minimal slope, the applicable pay item shall be used and the work paid for accordingly.

Pulverized topsoil shall not be placed until all irregularities, depressions, or high points in the surface are removed and smooth to the lines and grades as directed by the Engineer. The surface of the topsoil shall be blended to match the existing terrain, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, and be free of weeds. Within 24 hours of seed placement, granular mulch made from recycled wood and cellulose fibers shall be placed on the areas specified. Mulch shall be applied uniformly and in accordance with the manufacturer's recommendation. The granular mulch shall be produced by Profile® Seed Aide® CoverGrow™ or approved equal.

It is recommended that the Contractor water each area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

18. Earth Excavation

All earth excavation required to complete this project to the proposed lines, grades, and cross sections shall be in accordance with Section 202 of the Standard Specifications. Earth excavation will not be paid for separately but shall be included in the cost of the item requiring the excavation. All surplus excavated material shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

19. Traffic Control and Protection

(PER SPECIAL PROVISIONS FOR PAY ITEMS)

20. Maintenance of Roadways

(PER IDOT DISTRICT 1 MAINTENANCE OF ROADWAYS SPECIAL PROVISION)

21. Indemnification

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

For this project, the Village may hire a Consultant. The Contractor shall indemnify the Consultant in the same manner as the Village, as stated above.

22. Insurance Requirements

12.04.080 - Insurance.

A. Required Coverages and Limits. Unless otherwise provided by franchise, license, or similar agreement, each Contractor occupying right-of-way or constructing any facility in the right-of-way shall secure and maintain the following liability insurance policies insuring the Contractor as named insured and naming the Village, and its elected and appointed officers, officials, agents, and employees and Gewart Hamilton Associates, Inc. and employees as additional insureds on the policies listed in subsection (A)(1) and (A)(2) of this section:

1. Commercial general liability insurance, including premises-operations, explosion, collapse, and underground hazard (commonly referred to as "X," "C," and "U" coverages) and products-completed operations coverage with limits not less than:
 - a. Five million dollars for bodily injury or death to each person,
 - b. Five million dollars for property damage resulting from any one accident, and
 - c. Five million dollars for all other types of liability;
2. Automobile liability for owned, non-owned and hired vehicles with a combined single limit of one million dollars for personal injury and property damage for each accident;
3. Worker's compensation with statutory limits; and
4. Employer's liability insurance with limits of not less than one million dollars per employee and per accident.

If the Contractor is not providing such insurance to protect the contractors and subcontractors performing the work, then such contractors and subcontractors shall comply with this section.

B. Excess or Umbrella Policies. The coverages required by this section may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

C. **Copies Required. The Contractor shall provide copies of any of the policies including all endorsements or certificates required by this section to the Village within ten calendar days following receipt of a written request therefor from the Village.**

D. Maintenance and Renewal of Required Coverages. The insurance policies required by this section shall contain the following endorsement:

"It is hereby understood and agreed that this policy may not be canceled nor the intention not to renew be stated until thirty (30) calendar days after receipt by the Village, by registered mail or certified mail, return receipt requested, of a written notice addressed to the Village Manager of such intent to cancel or not to renew."

Within ten (10) calendar days after receipt by the Village of said notice, and in no event later than ten (10) calendar days prior to said cancellation, the Contractor shall obtain and furnish to the Village evidence of replacement insurance policies meeting the requirements of this section.

E. Self-Insurance. A Contractor may self-insure all or a portion of the insurance coverage and limit requirements required by subsection A of this section. A Contractor that self-insures is not required, to the extent of such self-insurance, to comply with the requirement

for the naming of additional insureds under subsection A of this section, or the requirements of subsections B through D of this section. A Contractor that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage and limit requirements required under subsection A of this section, such as evidence that the Contractor is a "private self-insurer" under the Workers Compensation Act.

- F. Effect of Insurance and Self-Insurance on Contractor's Liability. The legal liability of the Contractor to the Village and any person for any of the matters that are the subject of the insurance policies or self-insurance required by this section shall not be limited by such insurance policies or self-insurance or by the recovery of any amounts thereunder.
- G. Insurance Companies. All insurance provided pursuant to this section shall be effected under valid and enforceable policies, issued by insurers legally able to conduct business with the licensee in the State of Illinois. All insurance carriers and surplus line carriers shall be rated "A-" or better and of a class size "X" or higher by A.M. Best Company.
- H. Verification of Coverage. **Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein.** The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.
- I. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.
- J. Assumption of Liability. The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.
- K. Workers' Compensation and Employers' Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.
- L. Failure to Comply. In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Nothing contained herein is intended to constitute, nor shall it constitute a waiver of the rights, defenses and/or other immunities provided or available to the Village under law including, but not limited to, the Local Governmental and Governmental Employees Tort Immunity Act.

23. Accidents

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Village by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

24. No Assignment

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Village or authorized representative.

25. Default

The following shall constitute a default an "**Event of Default**" by the Contractor under this Contract:

- A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;

- B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;
- C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;
- D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and
- E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (i) terminating the Contract; (ii) pursuing any remedy available to it at law or in equity; or (iii) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

26. Delays

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

27. Compliance With Laws

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

28. No Waiver of Rights

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

29. Termination of the Contract

Voluntary Termination. Notwithstanding any other provision hereof, the Village may terminate this Contract during the Initial Term with or without cause, at any time upon thirty (30) calendar days prior written notice to the Contractor.

Termination for Breach. Either party may terminate this Contract upon written notice to the other party following material breach of a material provision of this Contract by the other party if the breaching party does not cure such breach within fifteen (15) calendar days of receipt of written notice of such breach from the non-breaching party.

30. Controlling Law and Venue

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

31. Miscellaneous

- A. AMENDMENT** – This Contract may be amended only in writing executed by both Parties.
- B. NO RECORDING** – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.
- C. SECTION HEADINGS** – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.
- D. NO THIRD PARTY BENEFICIARIES** – This Contract does not confer any rights or benefits on any third party.
- E. BINDING EFFECT** – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.
- F. ENTIRE AGREEMENT** – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.
- G. SEVERABILITY** - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.
- H. TORT IMMUNITY DEFENSES** - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 et seq.

32. Application For Payment

At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the Contract, and the value thereof at the contract unit prices according to Article 109.02 of the Standard Specifications. For each pay period, the quantity cut off will be the first Saturday of each month. During the second week, the Engineer and Contractor will agree to the quantities completed to-date. The Contractor shall submit an agreed upon invoice electronically to the Engineer by the end of the working day of the third Monday of the month. The Village will begin their payment process and will result in the review of the payment at the next regularly scheduled Village Board meeting. Prior to the release of payment, the Contractor shall submit electronically, all certified payroll reports, applicable waivers, and a notarized and signed clarifying statement for Village Attorney review and subsequent approval. Prior to the release of the check, hard-copies of all applicable waivers and the clarifying statement shall be received by the Village.

All payments under this Contract must be approved by the Village Board at a regularly scheduled meeting. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested prior to paying the requested payment. A Final Lien Waiver from the Contractor, its subcontractors, and all material suppliers shall be furnished with the final application for payment.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 et seq. To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

33. Certified Payroll Reports

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1) . All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

The Village is an Illinois unit of local government and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq. Consequently, the Contractor and each subcontractor shall submit with their application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work.

If the contractor must submit the payroll to the Village of Buffalo Grove for reasons outside of their control, the Village requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to alarson@vbg.org (i.e. Contractor Name Week Ending.pdf) as shown in the sample letter in Exhibit D.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. the new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits.

The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

34. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

Description	Penalty	Per Occurrence
Failure to Sweep Roadway	\$250	Calendar Day
Failure to Maintain Trench	\$250	Calendar Day
Failure to Adhere to Period of Establishment Requirements	\$250	Calendar Day
Distributing Unapproved Resident Notices	\$100	Household
Failure to Distribute Notices in a Timely Manner	\$100	Household
Failure to Distribute Notice to Resident	\$100	Household
Failure to Provide Access in a Timely Manner	\$250	Household/Occurrence Per Day
Failure to Provide Weekly Update to Engineer/Maintain Schedule	\$1,000	Per Occurrence
Failure to Attend a Scheduled Weekly Meeting	\$1,000	Per Occurrence
Failure to Respond in a Timely Manner to a Resident	\$250	Calendar Day
Failure to Ramp Roadway or Driveway	\$250	Household/Roadway Per Day
Use of Fire Hydrant or Valve	\$1,000	Each
Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer	\$1,000	Calendar Day
Entering Private Property	\$500	Per Occurrence
Failure to Provide Portable Facilities	\$100	Calendar Day
Illicit Discharge of Silt or Construction Debris	\$1,000	Per Occurrence
Failure to Submit Shop Drawings on Time	\$500	Per Occurrence
Failure to Maintain Erosion and/or Sediment Control Devices	\$1,000	Per Occurrence
Working Outside Allowable Work Hours	\$1,000	Per Occurrence

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

35. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. This general condition shall only apply when access will be directly affected for greater than four (4) hours, or as directed by the Engineer. Public notification shall not be required for every residence within the project limits.

Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters, including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include but is not limited to the following:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.

- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.
- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. **All letters must be approved by the Village or Engineer prior to and for each individual distribution.** Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of \$100 per household, per calendar day shall be imposed.

36. Maintenance Bond

The Contractor will be required to post a Maintenance Bond for a period of One Year (1-yr) from the date of final acceptance by the Village. Final acceptance will be the date the Final Payment is made to the Contractor. The bond shall be in a form acceptable to the Village in the amount of 10% (ten percent) of the awarded contract value. Unless under emergency situations, the Village will offer the Contractor the ability to fix or repair any item prior to the bond being called. If the Contractor elects to perform the repairs themselves, all work must be complete within 14 calendar days of notice from the Village or the Village reserves the right to perform the repairs themselves.

The Maintenance Bond shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, settlement of trenches, excessively spalled, chert popped or cracked concrete, storm and water main failures, restoration establishment, and other items as completed by the Contractor.

All required pavement repairs shall be from the curb line to the nearest cold joint. Pavement repairs shall have all joints routed and filled with crack seal material including along the edge of pavement, one month after installation.

If the Contractor elects to not perform the repairs or does not perform them in the time allotted, the Village will perform the work and collect from the bond any damages incurred by the Village to perform the repairs.



Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	

Check this box for lettings prior to 01/01/2022.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Reference Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	1
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	4
3	<input type="checkbox"/> EEO	5
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	15
5	<input type="checkbox"/> Required Provisions - State Contracts	20
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	26
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	27
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	28
9	<input checked="" type="checkbox"/> Construction Layout Stakes	29
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	32
11	<input type="checkbox"/> Subsealing of Concrete Pavements	34
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	38
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	40
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	41
15	<input type="checkbox"/> Polymer Concrete	43
16	<input type="checkbox"/> PVC Pipeliner	45
17	<input type="checkbox"/> Bicycle Racks	46
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	48
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	50
20	<input type="checkbox"/> English Substitution of Metric Bolts	51
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	52
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	53
23	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	61
24	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	77
25	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	79
26	<input type="checkbox"/> Temporary Raised Pavement Markers	85
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	86
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	89
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	93
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	96
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	98
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	99

Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	101
LRS 2	<input type="checkbox"/> Furnished Excavation	102
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	103
LRS 4	<input type="checkbox"/> Flaggers in Work Zones	104
LRS 5	<input checked="" type="checkbox"/> Contract Claims	105
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	106
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	112
LRS 8	Reserved	118
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	119
LRS 10	Reserved	123
LRS 11	<input type="checkbox"/> Employment Practices	124
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	126
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	128
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	129
LRS 15	<input type="checkbox"/> Partial Payments	132
LRS 16	<input type="checkbox"/> Protests on Local Lettings	133
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	134
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	135
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	136

BDE SPECIAL PROVISIONS
For the August 5, 2022 and September 23, 2022 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

File Name	#		Special Provision Title	Effective	Revised
	80099	1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	<input type="checkbox"/> Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
	80436	6	<input checked="" type="checkbox"/> Blended Finely Divided Minerals	April 1, 2021	
	80241	7	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	50531	8	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	9	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80384	10	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	11	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
	80199	12	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	13	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	14	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80261	15	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	16	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
	80029	17	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80229	18	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80433	19	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80422	20	<input type="checkbox"/> High Tension Cable Median Barrier	Jan. 1, 2020	Jan. 1, 2022
	80443	21	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
*	80442	22	<input type="checkbox"/> Hot-Mix Asphalt	Jan. 1, 2022	Aug. 1, 2022
	80444	23	<input type="checkbox"/> Hot-Mix Asphalt - Patching	April 1, 2022	
	80438	24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80411	25	<input type="checkbox"/> Luminaires, LED	April 1, 2019	Jan. 1, 2022
	80045	26	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80418	27	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
	80430	28	<input checked="" type="checkbox"/> Portland Cement Concrete – Haul Time	July 1, 2020	
	34261	29	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80395	30	<input type="checkbox"/> Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
	80340	31	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	32	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	33	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	34	<input checked="" type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	35	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	
	80435	36	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2022
	80410	37	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
	20338	38	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80318	39	<input type="checkbox"/> Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
	80429	40	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80440	41	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
	80302	42	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80427	43	<input type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
	80071	44	<input checked="" type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions have been deleted from use.

File Name	Special Provision Title	Effective	Revised
50481	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
80439	Vehicle and Equipment Warning Lights	Nov. 1, 2021	

The following special provisions are in the 2022 Standard Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80425	Cape Seal	Sections 405, 1003	Jan. 1, 2020	Jan. 1, 2021
80387	Contrast Preformed Plastic Pavement Marking	Articles 780.08, 1095.03	Nov. 1, 2017	
80402	Disposal Fees	Article 109.04(b)	Nov. 1, 2018	
80378	Dowel Bar Inserter	Articles 420.03, 420.05, 1103.20	Jan. 1, 2017	Jan. 1, 2018
80421	Electric Service Installation	Articles 804.04, 804.05	Jan. 1, 2020	
80415	Emulsified Asphalts	Article 1032.06	Aug. 1, 2019	
80423	Engineer's Field Office and Laboratory	Section 670	Jan. 1, 2020	
80417	Geotechnical Fabric for Pipe Underdrains and French Drains	Articles 1080.01(a), 1080.05	Nov. 1, 2019	
80420	Geotextile Retaining Walls	Article 1080.06(d)	Nov. 1, 2019	
80304	Grooving for Recessed Pavement Markings	Articles 780.05, 780.14, 780.15	Nov. 1, 2012	Nov. 1, 2020
80416	Hot-Mix Asphalt – Binder and Surface Course	Sections 406, 1003, 1004, 1030, 1101	July 2, 2019	Nov. 1, 2019
80398	Hot-Mix Asphalt – Longitudinal Joint Sealant	Sections 406, 1032	Aug. 1, 2018	Nov. 1, 2019
80406	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Sections 406, 1030	Jan. 1, 2019	Jan. 2, 2021
80347	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Sections 406, 1030	Nov. 1, 2014	July 2, 2019
80383	Hot-Mix Asphalt – Quality Control for Performance	Sections 406, 1030	April 1, 2017	July 2, 2019
80393	Manholes, Valve Vaults, and Flat Slab Tops	Articles 602.02, 1042.10	Jan. 1, 2018	Mar. 1, 2019
80424	Micro-Surfacing and Slurry Sealing	Sections 404, 1003	Jan. 1, 2020	Jan. 1, 2021
80428	Mobilization	Article 671.02	April 1, 2020	
80412	Obstruction Warning Luminaires, LED	Sections 801, 822, 1067	Aug. 1, 2019	
80359	Portland Cement Concrete Bridge Deck Curing	Articles 1020.13, 1022.03	April 1, 2015	Nov. 1, 2019
80431	Portland Cement Concrete Pavement Patching	Articles 701.17(e)(3)b, 1001.01(d), 1020.05(b)(5)	July 1, 2020	
80432	Portland Cement Concrete Pavement Placement	Article 420.07	July 1, 2020	
80300	Preformed Plastic Pavement Marking Type D - Inlaid	Articles 780.08, 1095.03	April 1, 2012	April 1, 2016
80157	Railroad Protective Liability Insurance (5 and 10)	Article 107.11	Jan. 1, 2006	
80306	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Section 1031	Nov. 1, 2012	Jan. 2, 2021
80407	Removal and Disposal of Regulated Substances	Section 669	Jan. 1 2019	Jan. 1, 2020
80419	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Articles 280.02, 280.04, 1080.02, 1080.03, 1081.15	Nov. 1, 2019	July 1, 2021
80408	Steel Plate Beam Guardrail Manufacturing	Article 1006.25	Jan. 1, 2019	
80413	Structural Timber	Article 1007.03	Aug. 1, 2019	
80298	Temporary Pavement Marking	Section 703, Article 1095.06	April 1, 2012	April 1, 2017
80409	Traffic Control Devices – Cones	Article 701.15(a), 1106.02(b)	Jan. 1, 2019	
80288	Warm Mix Asphalt	Sections 406, 1030, 1102	Jan. 1, 2012	April 1, 2016
80414	Wood Fence Sight Screen	Article 641.02	Aug. 1, 2019	April 1, 2020

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal
- Building Removal with Asbestos Abatement
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

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STATE OF ILLINOIS **SPECIAL PROVISIONS**

The following Special Provisions supplement the specifications listed in the table below, which apply to and govern the proposed improvement designated as “Arlington Heights Road Crosswalk Relocation at Buffalo Grove High School” in the Village of Buffalo Grove, Cook County and in case of conflict with any part or parts of said specifications, the said Special Provisions shall take precedence and govern.

SPECIFICATION	ADOPTED/DATED
Standard Specifications for Road and Bridge Construction	January 1, 2022
Manual on Uniform Traffic Control Devices for Streets and Highways Illinois Supplement	Latest Edition
Supplemental Specifications, Recurring Special Provisions, and BDE Special Provisions (indicated on sheets included herein)	Latest Edition
Manual of Test Procedures for Materials	Latest Edition

Arlington Heights Road Crosswalk Relocation at Buffalo Grove High School Bid No. 2022-19

LOCATION OF IMPROVEMENT

This improvement is located along Arlington Heights Road between Dundee Road and Nichols Road in the Village of Buffalo Grove, Cook County, Illinois. The total length of improvements is approximately 967 feet (0.18 miles).

DESCRIPTION OF IMPROVEMENT

The work consists of PCC median installation, ADA improvements, installation of PCC sidewalk, curb and gutter, signing, pavement markings, and other related work.

AVAILABLE REPORTS

No project specific reports were prepared

When applicable, the following checked reports and record information is available for Bidders' reference upon request:

- Record structural plans
- Preliminary Site Investigation (PSI)
- Preliminary Environmental Site Assessment (PESA)
- Soils/Geotechnical Report
- Boring Logs
- Pavement Cores
- Location Drainage Study (LDS)
- Hydraulic Report
- Noise Analysis
- Other: _____

CHANGES IN THE WORK

The Owner, without invalidating the agreement, may make changes by altering, adding to, or deducting from the work. All such work shall be executed under the conditions of the original agreement, except the contractor may claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

No change shall be made unless in pursuance of written order from the Owner, stating that the Owner has authorized the change. No claim for an addition to the agreement sum shall be valid unless so ordered by the Owner and agreed upon in writing by the Owner and Contractor.

The value of any such change shall be determined by agreement between the Contractor and Owner in one or more of the following ways:

- a. by estimate and acceptance in a lump sum
- b. by unit prices named in the contract or subsequently agreed upon; or
- c. by cost

PERMITS AND LAWS

The Contractor shall be responsible for obtaining any and all permits, licenses or bonds which may be required. The Contractor shall at all times observe and comply with all federal, state and local laws, regulations and ordinances which, in any manner, affect the conduct of his work. Any complaint, claim or action brought against the Contractor for failing to observe or comply with any law, ordinance or regulation shall be the sole responsibility of the Contractor and shall in no way extend to or expose the Owner to liability and the Contractor shall indemnify and hold harmless the Owner from any and all complaints, claims or actions. Before beginning work, the Contractor shall obtain from the proper Officials, Agencies, and Facilities all permits and licenses, pay all charges and fees, and give all notices necessary and incidental to the due and lawful completion of the work.

The Village has submitted the plans to CCDOTH for the required permit; however this permit is not included in the bid documents since it has not been received as of the date of this document. No work that is covered by this permit shall begin until the required permit has been received. No additional compensation will be granted to the Contractor due to project delays related to securing the permit.

SAW CUTTING

(Omitted - see General Provision #14)

CONCRETE WASHOUT FACILITY

Description. The Contractor shall take sufficient precautions to prevent pollution of streams, lakes, reservoirs, and wetlands with fuels, oils, bitumens, calcium chloride, or other harmful materials according to Article 107.23 of the “Standard Specifications”.

To prevent pollution by residual concrete and/or the byproduct of washing out the concrete trucks, concrete washout facilities shall be constructed and maintained on any project which includes cast-in-place concrete items. The concrete washout shall be constructed, maintained, and removed according to this special provision and details included in these plans. Concrete washout facilities shall be required on all projects regardless of the need for NPDES permitting. On projects requiring NPDES permitting, concrete washout facilities shall also be addressed in the Storm Water Pollution Prevention Plan.

The concrete washout facility shall be constructed on the job site according to the details included in these plans. The Contractor may elect to use a pre-fabricated portable concrete washout structure. The Contractor shall submit a plan for the concrete washout facility, to the Engineer for approval, a minimum of 10 calendar days before the first concrete pour. The working concrete washout facility shall be in place before any delivery of concrete to the site. The Contractor shall ensure that all concrete washout activities are limited to the designated area.

The concrete washout facility shall be located no closer than 50 feet from any environmentally sensitive areas, such as water bodies, wetlands, and/or other areas indicated on the plans. Adequate signage shall be placed at the washout facility and elsewhere as necessary to clearly indicate the location of the concrete washout facility to the operators of concrete trucks.

The concrete washout facility shall be adequately sized to fully contain the concrete washout needs of the project. The contents of the concrete washout facility shall not exceed 75% of the facility capacity. Once the 75% capacity is reached, concrete placement shall be discontinued until the facility is cleaned out. Hardened concrete shall be removed and properly disposed of outside the right-of-way. Slurry shall be allowed to evaporate, or shall be removed and properly disposed of outside the right-of-way. The Contractor shall immediately replace damaged basin liners or other washout facility components to prevent leakage of concrete waste from the washout facility. Concrete washout facilities shall be inspected by the Contractor after each use. Any and all spills shall be reported to the Engineer and cleaned up immediately. The Contractor shall remove the concrete washout facility when it is no longer needed.

Basis of Payment: The cost of all materials required and all labor necessary to comply with the above will not be paid for separately, but shall be considered as included in the unit bid prices of the contract, and no additional compensation will be allowed.

PROTECTION AND RESTORATION OF PROPERTY

The Contractor shall protect and restore property according to Article 107.20 of the “Standard Specifications” and the following:

Trees and Shrubs: Extra care shall be exercised when operating equipment around trees or shrubs. Injured branches or roots shall be pruned in a manner satisfactory to the Engineer and shall be painted where the cut was made. Roots exposed during excavating operations shall be neatly pruned and covered with topsoil. This work shall be done as soon as possible and shall be considered as included in the cost of the contract, and no additional compensation will be allowed.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

All existing drainage structures are to be kept free of debris resulting from construction operations. All work and material necessary to prevent accumulation of debris in the drainage structures will be considered as incidental to the contract. Any debris in the drainage structures resulting from construction operations shall be removed at the Contractor's own expense, and no extra compensation will be allowed. Should reconstruction or adjustment of a drainage structure be required by the Engineer in the field, the necessary work and payment shall be done in accordance with Section 602 and Article 104.02 respectively of the “Standard Specifications”.

During construction, if the Contractor's forces encounter or otherwise become aware of any sewers, underdrains or field drains within the right-of-way other than those shown on the plans, they shall inform the Engineer. The Engineer shall direct the work necessary to maintain or replace the facilities in service, and to protect them from damage during construction if maintained. Existing facilities to be maintained that are damaged because of non-compliance with this provision shall be replaced at the Contractor's own expense. Should the Engineer have directed the replacement of a facility, the necessary work and payment shall be done in accordance with Sections 550 and 601 and Article 104.02 respectively of the “Standard Specifications”.

PUBLIC CONVENIENCE AND SAFETY

The Contractor shall limit public inconveniences safety conflicts according to Article 107.09 of the “Standard Specifications” and the following:

Keeping Roads Open to Traffic: All roads shall remain open to traffic. The Contractor may close one (through traffic) lane because of construction only between the hours of 9:00 AM and 3:00 PM. The Contractor shall maintain one-way traffic during these restricted hours on two lane highways with the use of signs and flaggers as shown on the applicable Traffic Control Standard. On multi-lane highways the Contractor shall maintain at least one (through traffic) lane in each direction with the use of signs, barricades, and arrow boards as shown

on the Traffic Control Standards. All lanes of traffic will be maintained between 3:00 PM and 9:00 AM and when no construction activities are being carried out.

Work that does not require lane closure will be allowed between the hours of 7:00 AM and 6:00 PM on weekdays.

The restricted lane closure time may be adjusted by the Resident Engineer. The Contractor shall provide a start and end time and a procedure plan 48 hours prior to the lane(s) to be closed. The Resident Engineer will notify the Contractor 24 hours in advance with the decision.

If the Contractor fails to provide notification or disregards the decision by the Resident Engineer the Traffic Control Deficiency Charge will be applied as stated in the Special Provisions for Traffic Control and Protection.

Safety and Convenience: The Contractor shall maintain entrances along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused by the Contractor, by complying with these requirements shall be considered included in the cost of the applicable Traffic Control Pay Items in the contract and no additional compensation will be allowed.

Contractors shall plan their work so that there will be no open holes in the pavement and that all barricades will be removed from the roadway during non-working hours, except where required for public safety.

SURVEY CONTROL POINTS

The Contractor shall furnish the Engineer with the materials required to establish survey control points according to Article 105.09 of the “Standard Specifications” and the following:

Paint: The Contractor shall furnish, at their expense, white, pink or purple pavement marking paint in aerosol cans, for use by the Engineer. The paint shall last up to 6 months; be non-freezing, be functional to 14°F; and be fully operational in an inverted position.

The Contractor and subcontractors shall only use white, pink or purple colors for their own markings. At no time will the Contractor use any of the J.U.L.I.E. utility colors listed in Article 107.31 of the “Standard Specifications”.

Hubs: The Contractor shall furnish, at their expense, hubs for use by the Engineer according to the following:

1. Shall be 1 3/8” x 7/8” x 18” (actual dimension).
2. Shall be furnished in securely banded (on each end) bundles of 25 pieces.

3. The material shall be kiln dried Douglas fir, oak or maple and surfaced on the 2 larger sides and without splits, pitch pockets, wane, knots or decayed wood.
4. The tapered end on each hub shall be pencil point tapered.

Lath: The Contractor shall furnish lath for use by the Engineer according to the following:

1. Shall be 1 1/8" x 1/2" x 48" (actual dimension).
2. Shall be furnished in securely banded (on each end) bundles of 50 pieces.
3. The material shall be kiln dried Douglas fir, oak or maple and surfaced on the 2 larger sides and without splits, pitch pockets, wane, knots or decayed wood.
4. The tapered end may be saw-cut tapered or pencil tapered.

In addition to the requirements of the special provision for construction layout stakes (Illinois Department of Transportation Check Sheet #9), the Contractor shall reestablish, monument, and tie all control points used to complete the work as specified including all PI's, PC's, PT's, and POT's. The type of monumentation used will be PK nails, iron pipes, RR spikes or as approved by the Engineer.

The cost of this work shall be included in the cost of CONSTRUCTION LAYOUT, and no additional compensation will be allowed.

WATER FOR THE SITE

See General Condition #15. The Contractor is responsible for the transportation of the water to the site where needed. The cost of all materials required and all labor necessary to comply with the above provisions will not be paid for separately, but shall be considered as included in the cost of "MOBILIZATION".

DETECTABLE WARNINGS (SPECIAL)

Effective: 10/01/18 (*Modification of IDOT D1 Special Provision for Detectable Warnings (Special) in City of Chicago*)
Revised: 4/13/21 (*added Galvanized and Stainless Steel material options*)

Description:

Work under this item shall consist of installing cast iron or steel detectable warning tiles as shown on the plans. Work shall be performed according to Section 424 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, except as herein modified.

Materials:

Detectable warning tiles shall be of uniform quality, and free of surface defects. The detectable warnings shall be constructed out of one of the following:

- 1) Cast iron meeting requirements of ASTM A 48 Class 30 or better.
- 2) Galvanized steel – 10 gauge, G90 galvanization or better
- 3) Stainless steel – 10 gauge or better

The dome size and spacing of the detectable warnings shall meet all requirements of sections R305.1.1 and R305.1.2 of PROWAG.

The color of the detectable warning tiles is to be approved by the Engineer unless otherwise specified in the plans and comply with the requirements of section R305.1.3 of PROWAG.

If a concrete border is required for installation of the detectable warnings, it shall comply with section R305.2 of PROWAG.

Responsibility of the Contractor:

The contractor shall verify all dimensions with the product manufacturer. If using radial units, the contractor shall verify that the radius of the detectable warnings supplied by the manufacturer matches that of the curb radius.

The contractor shall ensure that the supplied detectable warnings allow placement of the rows of domes that are aligned parallel with the path of travel. Where detectable warnings are radial, dome orientation is not significant.

The contractor shall ensure a maximum vertical transition of 1/4" between the edge of the detectable warnings and adjacent concrete.

Measurement and Payment:

This work will be paid for at the contract unit price per square foot for DETECTABLE WARNINGS (SPECIAL).

DRILL AND GROUT DOWEL BARS AND TIE BARS

Description. Work under this item shall be performed in accordance with sections 442, 420, and 1000 of the Standard Specifications, except as herein modified.

This work shall consist of furnishing and installing 18" long, 1-1/2" diameter epoxy coated dowel bars, No. 4 epoxy coated dowel bars, and 24" and 30" long, No. 6 epoxy coated tie bars in existing Portland Cement Concrete (PCC) bases, new PCC Curbs and Gutters adjacent to PCC pavement, new PCC sleeper slabs, new PCC Bases, and at locations shown on the Plans or as designated by the Engineer.

Materials shall meet the requirements of Article 1006.06 of the Standard Specifications for Dowel

Rods and Article 1024.01 of the Standard Specifications for Nonshrink Grout or one of the approved chemical adhesives as listed by the Bureau of Materials and Physical Research. Epoxy adhesives shall not be allowed.

Bars shall be located on 24" centers or as indicated on the plans. Individual bar locations shall be shifted at least 5-inches away from existing cracks, joints and unsound concrete. Holes for dowel bars shall be drilled with suitable equipment for this purpose to the depth shown and to a diameter large enough to allow grouting around the dowel bar or tie bar. The dowel bars or tie bar shall be secured in the drilled holes with nonshrink grout. The grout shall be allowed to cure before the concrete for new curb and gutters and bases are poured.

Basis of Payment. This work will be not be paid for separately but instead shall be considered as incidental to cost of COMBINATION CONCRETE CURB AND GUTTER, CONCRETE MEDIAN, and CLASS B PATCHES of the type and thickness indicated on the plans.

DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED

Description: This work shall consist of adjusting existing structures with new frames and grates or frame and lids at the direction of the Engineer.

General: This work shall be performed in accordance with the Section 602 of the "Standard Specifications". In addition, all structures to be adjusted should have a chimney seal installed. All sanitary manholes shall have exterior chimney seals. All structures shall have no more than two adjustment rings for a total of up to 6 inches.

New frames and grates will be installed on adjusted or reconstructed structures.

All existing frames, grates, and lids that are being removed shall remain the property of The Village. The Contractor shall deliver all removed frames, grates and lids to the public works facility, or as directed by the Engineer.

Adjusting rings shall not be backfilled with aggregate but with Portland cement concrete. The width of the excavation must be a minimum of 6 inches wider than adjusting rings.

All mortar on exposed surfaces shall have a brushed finish.

Method of Measurement: This work will be measured for payment as each structure to be adjusted.

Basis of Payment: This work will be paid for at the contract unit price each for DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED regardless of the structure type and diameter. The unit price shall include all labor, equipment and materials necessary to complete the work.

DUST CONTROL WATERING

Description. This work shall consist of controlling construction dust on the jobsite by application of a water / calcium chloride mixture.

General. Dust shall be controlled by uniform application of sprinkled water mixture applied only when directed by the Engineer in a manner meeting his approval and shall be equipped with adequate measuring devices for meeting the exact amount of water discharged. The concentration of calcium chloride in the water used shall be properly documented by ticket or other approved means. If the ratio of calcium chloride to water is insufficient to properly control the dust, the ratio may be adjusted at the Engineer's discretion, with no additional compensation for the extra chloride needed.

Method of Measurement. This work will be measured in 1,000 gallon units of applied water.

To ensure prompt response to the Resident Engineer's request for DUST CONTROL WATERING, the Contractor shall apply the water within 4 hours of the Engineer's request. If the Contractor fails to comply with the Engineer's request, the Engineer will impose a deduction of \$100 per hour beginning 4 hours after the Engineer's initial request. The hourly deduction shall end with the Engineer's acceptance of the field conditions.

Basis of Payment. This work shall be paid for at the contract unit price per UNIT for DUST CONTROL WATERING.

RETROREFLECTIVE YELLOW FLEX POSTS

Description. This work shall consist of furnishing and installing flexible delineators on concrete medians.

General. The Contractor shall provide new low density polyethylene flexible delineator posts, fastening screws, base and anchor bolts. The delineators shall be engineered to meet Manual on Uniform Traffic Control Devices (MUTCD) specifications for nighttime use. The delineators shall meet the height and color requirements shown in the plans unless otherwise approved by the Engineer. All colors must be within tolerance limits as specified in the MUTCD and 23 CFR Part 655, Appendix to Subpart F. All bands shall meet MUTCD retroreflectivity requirements. Flexible delineators shall be made of materials resistant to extreme temperature changes in the range of -20° F to 160° F, ultraviolet light, ozone, hydrocarbons, stiffening with age, and a series of direct wheel impacts with speeds varying up to 65 mph, and rebounds to a vertical position if struck by a standard vehicle. Delineators shall meet NCHRP 350 crashworthy requirements.

Post locations shall be as specified on the plan sheets. All bases shall be black.

The Contractor shall affix the heavy duty base to the median in a manner meeting the manufacturer's requirements.

Method of Measurement. Flexible delineators shall be measured on a per each basis, for each entire assembly installed, which shall include the post, fastening hardware, base, and anchor bolts.

Basis of Payment. This work will be paid for at the contract unit price per each for RETROREFLECTIVE YELLOW FLEX POSTS, which price shall be full compensation for all materials, labor, equipment, and incidentals to complete the work as specified.

TRAFFIC PROTECTION

Effective: 07/01/12

Revised: 04/26/19 (Reorganized special provision, clarified items included/excluded in Basis of Payment)

Revised: 8/22/19 (Added note specifying Pavement Marking Type, Type IV for temporary markings on finished pavement.)

Traffic Protection shall meet the requirements of Division 700 Work Zone Traffic Control and Protection, Signing, and Pavement Marking of the Standard Specifications except as follows:

Replace Article 701.01 Description with the following:

Description. This item of work shall include furnishing, installing, maintaining, replacing, relocating and removing all Traffic Control Devices used for the purpose of regulating, warning or directing traffic and pedestrians and protecting workers during the construction or maintenance of this improvement.

Traffic protection shall be provided as called for in the plans, these Special Provisions, applicable Traffic Control Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through or around the construction zone. The Contractor shall arrange his operations to keep the closing of any lane of the roadway to a minimum. Where the traffic of any building in the area of the proposed improvement is of an emergency nature, such as Hospital, Fire or Police Station traffic, the Contractor shall provide for free movement of such traffic during the course of construction.

Replace Article 701.02 Materials and 701.03 Equipment with the following:

Traffic Control Devices shall include, and be according to, the following:

Item	Article/Section
Signs.....	1106.01
Sign Posts, Metal	1006.29

Sign Posts, Telescoping	1093.01
Sign Posts, Wood	1007.05
Pavement Marking Tape	1095.06
Temporary Pavement Marking	1095.02
Temporary Raised Reflective Pavement Markers	1096.02
Flagger Traffic Control Paddle	1106.01
Warning Lights	1106.02
Cones.....	1106.02
Type I, II, and III Barricades	1106.02
Vertical Barricades.....	1106.02
Vertical Panels	1106.02
Direction Indicator Barricades.....	1106.02
Drums.....	1106.02
Flexible Delineators	1106.02
Truck Mounted/Trailer Mounted Attenuators	1106.02
Arrow Boards.....	1106.02
Portable Changeable Message Signs	1106.02
Sign Trailers.....	1106.02
Temporary Rumble Strips.....	1106.03
Detectable Pedestrian Channelizing Barricade.....	1106.02(k)
Flaggers	701.13
Vertical panels and lights (for use on temporary concrete barrier walls)	1106.01/1106.02
Prismatic barrier reflectors.....	1097
Temporary Information Signs.....	1106.01

Replace Article 701.10 Surveillance with the following:

The Contractor is required to conduct routine inspections of the worksite at a frequency that will allow for the prompt replacement of all Traffic Control Devices that have become displaced, worn or damaged to the extent that they no longer conform to the shape, dimensions, color and operational requirements of the "Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), the Traffic Control Standards and the "Quality Standard for Work Zone Traffic Control Devices" issued by the Illinois Department of Transportation or will no longer present a neat appearance to motorists. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.

The Contractor shall ensure that all Traffic Control Devices installed by him/her are functional and effective 24 hours each day.

The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall dispatch workers, materials and equipment to correct any such deficiencies. The Contractor shall respond to any call from

the Department concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

Modify Article 701.04 General by adding the following

The Contractor shall be responsible for the proper location, installation and arrangement of all Traffic Control Devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from the view of the motorists all Traffic Control Devices which are inconsistent with detour or lane assignment patterns and conflicting conditions during the transition from one construction stage to another. When the Contractor elects to cover conflicting or inappropriate signing, materials used shall totally block out reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet with the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all Traffic Control Devices which were furnished, installed and maintained by him/her under this contract, and such devices shall remain the property of the Contractor. All Traffic Control Devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

Personal vehicles shall not park within the right-of-way except in specific areas designated by the Engineer.

The Contractor shall maintain at least one lane of traffic at all times on two lane roads and at least one lane in each direction on 4 or more lane roads, during the construction of this project. The Contractor shall also maintain areas to entrances and side roads along the proposed improvement. Interference with traffic movements and inconvenience to owners of abutting property and the public shall be kept to a minimum. Any delays or inconveniences caused to the Contractor by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

On two lane roads, the Contractor is to plan the work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

On four or more lane highways, there shall be no open holes in the pavement being used by the traveling public. Lane closures, if allowed, will be in accordance with the applicable standards, any staging details shown in the plans and other applicable contract documents.

The Contractor shall remove all equipment from the shoulders and medians after work hours.

No road closures or restrictions shall be permitted except those covered by the Traffic Control Highway Standards without written approval by the Engineer.

When traveling in lanes open to public traffic, the Contractor's vehicles shall always move with and not against or across the flow of traffic. These vehicles shall enter or leave work areas in a manner which will not be hazardous to, nor interfere with, traffic.

Modify Article 701.14 Signs by deleting the first paragraph and replacing with the following:

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 701901 for all projects that exceed four days.

Modify Article 701.14 Signs by adding the following:

Construction signs referring to daytime lane closures during working hours shall be removed, covered or turned away from the view of the motorists during non-working hours.

Prior to the beginning of construction operations, the Contractor will be provided a sign log of all existing signs within the limits of the construction zone. The Contractor is responsible for verifying the accuracy of the sign log. Throughout the duration of this project, all existing traffic signs shall be maintained by the Contractor. All provisions of Article 107.25 of the Standard Specifications shall apply except the third paragraph shall be revised to read: "The Contractor shall maintain, furnish and replace at his own expense, any traffic sign, or post which has been damaged or lost by the Contractor or a third party".

"Fresh Oil" signs (W21-2(O)) shall be used when prime is applied to pavement that is open to traffic. The signs are to remain until tracking of the prime ceases. The sign shall be erected a minimum of 500 feet preceding the start of the prime and on all side roads within the posted area. The "Fresh Oil" sign on the side road shall be posted a minimum of 200 feet from the mainline pavement.

"Rough Grooved Surface" signs (W8-I107(O)) shall be used when the road has been cold milled and open to traffic. The signs shall remain in place until the milled surface condition no longer exists. These signs shall be erected a minimum of 500 feet preceding the start of the milled pavement and on all side roads within the posted area. The "Rough Grooved Surface" signs on the side roads shall be posted 200 feet from the mainline pavement. All signs shall have an 18" x 18" orange flag and amber flashing light attached.

Whenever a lane is closed to traffic using Standard 701606, 701601, or 701701, the pavement width transition sign (W4-2R(O) or W4-2L(O)) shall be used in lieu of "Workers" sign (W21-1(O) or W21-1a(O)).

Whenever any vehicle, equipment, workers or their activities infringe on the shoulder or within 15 feet of the traveled way and the traveled way remains unobstructed, then the applicable Traffic Control Standard shall be 701006, 701011, 701101, or 701701. "Shoulder Work Ahead" sign (W21-5(O)-48) shall be used in lieu of the "Workers" sign (W21-1(O) or W-21-1a(O)).

The Contractor shall provide and erect any other signs that are required for traffic safety operations and the conveyance of traffic information to the motorist, which may not be

included in the Traffic Control Standards. The requirement for these signs shall be determined by and installed at the direction of the Engineer.

All temporary information signing shown on the IDOT District One standards included in the plans shall be included in the cost of TRAFFIC PROTECTION.

Add the following to Article 701.15 Traffic Control Devices (b) Type I, II and III Barricades:

The Contractor shall install, maintain and remove necessary signs and barricades needed to direct pedestrians to usable sidewalks and walkways during the construction in accordance with Traffic Control Standard 701801 or as directed by the Engineer. The Contractor shall make adequate provision for the free passage of foot traffic at all intersecting streets which are to remain open to traffic. The materials or equipment used in the construction of this improvement shall be so placed as to afford access to abutting private property and to all hydrants and valves with a minimum of inconvenience.

All barricades shall be Type I or II equipped with flashing lights. At each point of closure, sufficient numbers of barricades shall be used to completely close the sidewalk to pedestrian movement. Where construction activities involve sidewalks on both sides of the street, the work shall be staged so that both sidewalks are not out of service at the same time.

Add the following to Article 701.15 Traffic Control Devices (i) Arrow Boards:

A flashing arrow board shall be operating at all times when a lane is closed to traffic on a multilane highway. Arrow boards shall be provided and located in a head-on position within each lane closure taper.

Add the following to Article 701.15 Traffic Control Devices:

(m) Temporary Concrete Barrier Vertical Panels and Lights. Whenever temporary concrete barrier is specified in the plans, vertical panels and steady burning lights meeting the requirement of Articles 1106.01 and 1106.02 of the Standard Specifications and Standard 701901 shall be installed on the barrier at 50 foot centers minimum or at the spacing shown on the plans. The method of mounting shall be approved by the Engineer. Upon conclusion of the work, the panels and lights shall be removed and shall remain the property of the Contractor.

Add the following Article - Pavement Markings:

Temporary pavement marking paint used on temporary or unfinished surfaces shall be maintained to the highest degree of visibility and reflectivity and on long term projects shall be repainted when the temporary pavement marking shows signs of deterioration or at a minimum of every three (3) months and as directed by the Engineer at no additional cost and is considered as incidental to the cost of TRAFFIC PROTECTION. Only Pavement Marking Tape Type IV shall be allowed on finished pavement.

Temporary pavement marking shall be applied as solid unbroken lines when used to delineate any pavement transition, turn lane transition and storage bay. Double yellow centerline shall be used across a bridge deck where the distance to be marked is less than 160 feet.

Temporary raised reflective bi-directional (amber) pavement markers (Section 781 and Article 1096.02 of the Standard Specifications) shall be used, and replaced when required, throughout a temporary by-pass detour pavement at no additional cost.

Revise the Seventh paragraph of Article 107.09 Public Convenience and Safety to read as follows:

The following vertical and horizontal restrictions shall pertain to roads as defined in the Illinois Highway Code, Article 2, Division 1, Section 2-101, 2-102, and 2-103 when construction is being performed with the road open to traffic.

Add the following after the first paragraph of this Article 107.15 Dirt on Pavement or Structures:

When ordered by the Engineer, the Contractor shall use some method to allay dust and prevent a nuisance. This shall be done preferably by sprinkling the Subgrade or the portion of pavement used by trucks or busses with water. If conditions warrant, this shall receive constant attention by the Contractor. Calcium Chloride shall not be used for this purpose. No extra compensation shall be allowed the Contractor for this work.

Delete Article 701.19 Method of Measurement and replace with the following:

Method of Measurement. These items of work will be measured on a lump sum basis for furnishing, installing, maintaining, replacing, relocating, and removing the Traffic Control Devices (as defined in this special provision) required in the plans and these special provisions.

Delete Article 701.20 Basis of Payment and replace with the following:

Basis of Payment. This work will be paid for at the lump sum price for TRAFFIC PROTECTION, which price shall be payment in full for all labor, materials, transportation, handling and incidentals necessary to furnish, install, maintain, replace, relocate and remove all Traffic Control Devices (as defined in this special provision) indicated in the plans and specification, except for the following items, which will be paid for separately:

- 1) Temporary Bridge Traffic Signals
- 2) Temporary concrete barrier wall
- 3) Temporary impact attenuators
- 4) Temporary bridge rail
- 5) Temporary rumble strips
- 6) Changeable Message Sign
- 7) Removal of existing pavement markings and raised reflective pavement marks.

The salvage value of all material removed (including existing traffic signs - when removal is required) shall be reflected in the bid price for this item.

Delays to the Contractor caused by complying with these requirements will be considered included in the pay item TRAFFIC PROTECTION, and no additional compensation will be allowed.

Payment Adjustments. The Engineer may require additional traffic control to be installed in accordance with standards and/or designs other than those included in the plans. In such cases, the standards and/or designs will be made available to the Contractor at least one week in advance of the change in traffic control. Payment for any additional traffic control required will be in accordance with Article 109.04 of the Standard Specifications.

Revisions in the phasing of construction or maintenance operations, requested by the Contractor, may require traffic control to be installed in accordance with standards and/or designs other than those included in the plans. Revisions or modifications to the traffic control shown in the contract shall be submitted by the Contractor for approval by the Engineer. No additional payment will be made for a Contractor requested modification.

In the event the sum total value of all the work items for which traffic protection is required is increased or decreased by more than ten percent (10%), the contract bid price for TRAFFIC PROTECTION will be adjusted as follows:

$$\text{Adjust contract price} = .25P + .75P [1 \pm (X - 0.1)]$$

Where "P" is the contract price for TRAFFIC PROTECTION

Where "X" = (Difference between original and final sum total value of all the work items for which protection is required) divided by (Original sum total value of all work items for which traffic protection is required)

The value of work items used in calculating the increase or decrease will include only items which have been added to or deducted from the contract under Article 104.02 of the Standard Specifications and only items which require use of TRAFFIC PROTECTION.

In the event the Department cancels or alters any portion of the contract which results in elimination or noncompletion of any portion of the work, payment for partially completed work will be made in accordance with Article 109.06 of the Standard Specifications.

MAINTENANCE OF ROADWAYS (D1)

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

STATUS OF UTILITIES (D1)

Effective: June 1, 2016

Revised: January 1, 2020

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department’s contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department’s contractor to then work in the stage under which the item has been listed.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	DURATION OF TIME

No conflicts to be resolved (or if there are conflicts they are to be listed as noted above)

Pre-Stage: _____ Days Total Installation
Stage 1: _____ Days Total Installation
Stage 2: _____ Days Total Installation

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department’s contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner’s part can be secured.

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER
Arlington Heights Road, STA 105+33.1, 49.7’ LT	8” Underground Gas Main	Gas main crosses proposed sidewalk.	Nicor
Arlington Heights Road, STA 109+27, 41.5’ RT	8” Underground Gas Main	Gas main crosses proposed sign.	Nicor
Arlington Heights Road, STA 109+27.8, 45.8’ RT	Utility Pole	Pole is located in proximity to future proposed sidewalk.	ComEd
Arlington Heights Road, STA 109+29.8, 41.5’ RT	8” Underground Gas Main	Gas main crosses proposed sidewalk.	Nicor

No facilities requiring extra consideration (*or listed as noted above*)

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address
ComEd	Lisa Argast	(708) 277-8511	lisa.argast@ComEd.com
Nicor Gas	Charles Parrott	(630) 388-3319	cparrott@southernco.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

CONDUIT SPECIAL

Description. This work shall consist of furnishing and installing a split PVC conduit over existing street lighting cables in accordance to Section 810 of the Standard Specification and as specified herein and as shown on the contract plans.

The split conduit shall be polyvinyl chloride schedule 40 complying to ASTM D 1784 with applicable requirements of NEMA TC 2 and UL 651. The minimum conduit diameter will be 2 inches or approved by the Engineer.

Potholing may be required to expose existing streetlight cables. Place a split PVC conduit around the existing cables to protect them. The split conduit should be installed in accordance with the product's installation instructions.

Basis of Payment. This work will be paid for at the contract unit price per foot for CONDUIT SPECIAL, which shall be payment for the work as described herein and as indicated in the plans.

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

Village of Buffalo Grove

Cook County Department of Transportation and Highways

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

BLENDED FINELY DIVIDED MINERALS (BDE)

Effective: April 1, 2021

Revise the second paragraph of Article 1010.01 of the Standard Specifications to read:

“Different sources or types of finely divided minerals shall not be mixed or used alternately in the same item of construction, except as a blended finely divided mineral product according to Article 1010.06.”

Add the following article to Section 1010 of the Standard Specifications:

“1010.06 Blended Finely Divided Minerals. Blended finely divided minerals shall be the product resulting from the blending or intergrinding of two or three finely divided minerals. Blended finely divided minerals shall be according to ASTM C 1697, except as follows.

- (a) Blending shall be accomplished by mechanically or pneumatically intermixing the constituent finely divided minerals into a uniform mixture that is then discharged into a silo for storage or tanker for transportation.
- (b) The blended finely divided mineral product will be classified according to its predominant constituent or the manufacturer’s designation and shall meet the chemical requirements of its classification. The other finely divided mineral constituent(s) will not be required to conform to their individual standards.”

80436

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

PORTLAND CEMENT CONCRETE – HAUL TIME (BDE)

Effective: July 1, 2020

Revise Article 1020.11(a)(7) of the Standard Specifications to read:

“(7) Haul Time. Haul time shall begin when the delivery ticket is stamped. The delivery ticket shall be stamped no later than five minutes after the addition of the mixing water to the cement, or after the addition of the cement to the aggregate when the combined aggregates contain free moisture in excess of two percent by weight (mass). If more than one batch is required for charging a truck using a stationary mixer, the time of haul shall start with mixing of the first batch. Haul time shall end when the truck is emptied for incorporation of the concrete into the work. The maximum haul time shall be as follows.

Concrete Temperature at Point of Discharge, °F (°C)	Maximum Haul Time ^{1/} (minutes)	
	Truck Mixer or Truck Agitator	Nonagitator Truck
50 - 64 (10 - 17.5)	90	45
> 64 (> 17.5) - without retarder	60	30
> 64 (> 17.5) - with retarder	90	45

1/ To encourage start-up testing for mix adjustments at the plant, the first two trucks will be allowed an additional 15 minutes haul time whenever such testing is performed.

For a mixture which is not mixed on the jobsite, a delivery ticket shall be required for each load. The following information shall be recorded on each delivery ticket: (1) ticket number; (2) name of producer and plant location; (3) contract number; (4) name of Contractor; (5) stamped date and time batched; (6) truck number; (7) quantity batched; (8) amount of admixture(s) in the batch; (9) amount of water in the batch; and (10) Department mix design number.

For concrete mixed in jobsite stationary mixers, the above delivery ticket may be waived, but a method of verifying the haul time shall be established to the satisfaction of the Engineer.”

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7% ¹¹

80391

WORKING DAYS (BDE)

Effective: January 1, 2002

The Contractor shall complete the work within **15** working days.

80071

SECTION	COUNTY	SHEET NO. OF TOTAL SHEETS
TWENTY-SIXTH	COOK	48 OF 111

VILLAGE OF BUFFALO GROVE ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL

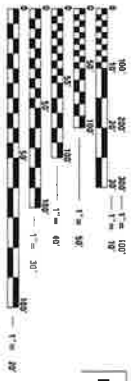
BID No. 2022-19

RANGE 11E

INDEX OF SHEETS

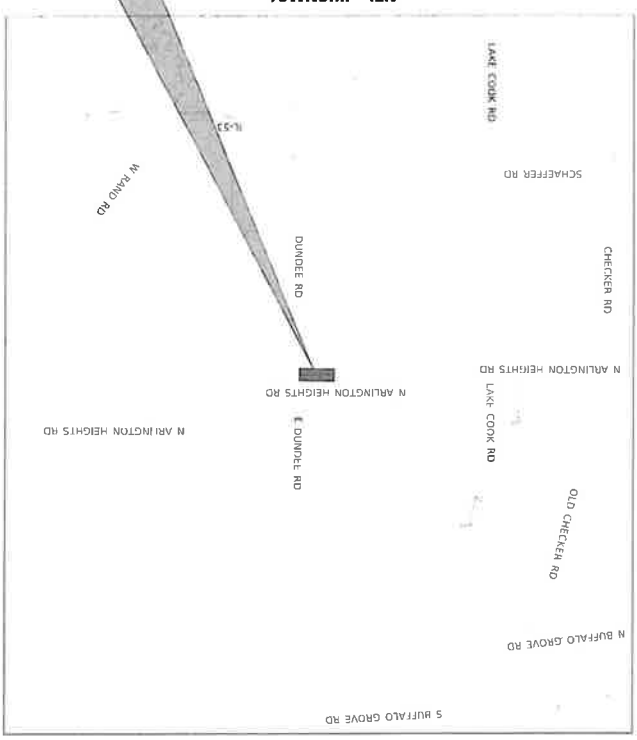
- 1 COVER SHEET
- 2 GENERAL NOTES AND STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4-4 ALIGNMENT, TIES AND BENCHMARKS (NOT INCLUDED)
- 5 ROADWAY PLAN
- 6 MEDIAN DETAIL
- 7 PREVENT PAVEMENT, SKIDING, AND LANDSCAPE RESTORATION PLAN
- 8 ADA CURB RAMP DETAILS
- 9-10 IDOT HIGHWAY STANDARDS
- 11-42 COOK COUNTY STANDARD DRAWINGS
- 43-48 IDOT DISTRICT ONE CONSTRUCTION DETAILS

ARLINGTON HEIGHTS ROAD
DESIGN DESIGNATION = MINOR ARTERIAL
POSTED SPEED = 35 MPH
2018 ADT = 17,000 VPD



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

TITLE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
LANDSCAPED ON 8/11



ROADWAY LENGTH:
PROJECT TOTAL - 397 FT (0.11 MI)

LOCATION MAP
SCALE: 1" = 100 FT

IDOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 260001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-11 PERMANENT EROSION CONTROL SYSTEMS
- 420001-12 PERMANENT CURB RAMP FOR SIDEWALKS
- 666001-08 CONCRETE CURB TYPE A AND COMBINATION CONCRETE CURB AND GUTTER
- 666001-04 PC CONCRETE ISLANDS AND MEDIANS
- 701006-05 O+H-D OPERATIONS, 2L, 2W, 1S, 1O, 24" HIGH (AVERAGE) EDGE
- 701011-04 O+H-D OPERATIONS, 2L, 2W, 1W, 1O ONLY
- 701011-04 LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
- 701011-04 LANE CLOSURE 2L, 2W, LONG TIME OPERATIONS
- 701011-04 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH NONVARIABLE MEDIAN
- 701701-10 SIF-P/W/ K, CORNER OR CROSSWALK CLOSURE
- 701801-06 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

COOK COUNTY STANDARD DRAWINGS

- C-003 PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL
- C-012 RAISED CONCRETE PEDESTRIAN REFUGE ISLAND (INTERSECTION)
- C-013 RAISED CONCRETE PEDESTRIAN REFUGE ISLAND (MID-BLOCK)
- EC-901 SOIL EROSION AND SEDIMENT CONTROL NOTES

IDOT DISTRICT ONE CONSTRUCTION DETAILS

- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

SIGNED:
PETRO KRAVETS, P.E.



DATE: 7/13/2022

EXPIRES: 11-30-2023



Two Plaza Plaza, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.9980 - Fax: 630.773.3975
www.civiltech.com

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIM PROVISIONS INCULPED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: THE 2012 EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS AMENDED BY THE "SUPPLEMENTAL SPECIFICATIONS" ADOPTED JANUARY 1, 2013, AND THE "SUPPLEMENTAL SPECIFICATIONS" ADOPTED JANUARY 1, 2014. THE 2012 EDITION OF THE "MANUAL OF UNIT PRICE PROVISIONS" ADOPTED JANUARY 1, 2012, THE "MANUAL OF UNIT PRICE PROVISIONS" ADOPTED JANUARY 1, 2013, AND THE "MANUAL OF UNIT PRICE PROVISIONS FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" ANY REFERENCE TO THE "STANDARD SPECIFICATIONS" SHALL BE INTERPRETED AS THE LATEST EDITION STANDARD.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS BEFORE THE COMMENCEMENT OF WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
3. WHERE SECTION OR SUBSECTION NUMBERS ARE ENCLOSED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH NUMBERS ARE REMOVED, ADDED OR CHANGED. THE OWNER HAS AUTHORIZED SUPERVISOR ON ANY AGENT HAS AUTHORITY TO OVERSEE THE WORK ON THE PROJECT.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING WORK AND REPORT TO THE ENGINEER BEFORE CONSTRUCTION BEGINS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE ORIGINAL PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING WORK AND REPORT TO THE ENGINEER BEFORE CONSTRUCTION BEGINS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE ORIGINAL PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING WORK AND REPORT TO THE ENGINEER BEFORE CONSTRUCTION BEGINS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE ORIGINAL PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER IMMEDIATELY.
5. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND COMBUSTION WILL BE ALLOWED THE CONTRACTOR ON ANY EXPENSE INCURRED BY COMPLYING WITH THE REQUIREMENTS OF THIS NOTE.
6. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
7. THE FINISHED GRADES AND GRADES SHOWN ON THE CONSTRUCTION PLANS REPRESENT FINISHED GRADE ELEVATIONS. LINE AND GROUND STATES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
8. WHEN REMOVING CURB AND GUTTER, MAINTAIN OR ADD OTHER STRUCTURES. THE CONTRACTOR SHALL TAKE PRECAUTIONS NECESSARY TO AVOID DAMAGE TO UNDERGROUND UTILITY OR INVADE UTILITIES.
9. THE TOP OF ALL STRUCTURES SHALL BE FINISHED WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.

LANDSCAPING

10. THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFIED BY THE DIRECTION OF THE ENGINEER.

MAINTENANCE OF TRAFFIC

11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJACENT PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND THE MUNICIPALITIES AT LEAST FOURTEEN (14) DAYS ADVANCE NOTICE FOR ACCESS DISRUPTIONS INVOLVING ANY RESIDENTIAL DRIVEWAYS, SIDESTREETS AND SCHOOL ENTRANCES.
13. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND MUNICIPALITIES TO REDUCE IMPACT TO MAJOR HOLIDAYS AND SPECIAL OCCASIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS.
14. DURING TRAFFIC OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO REDUCE IMPACT TO MAJOR HOLIDAYS AND SPECIAL OCCASIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS.
15. THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW OR ICE OR ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED BY THE AGENCY WITH JURISDICTION OVER THE ROADWAY FOR SNOW REMOVAL, THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DEBRIS FROM THE TRAFFIC FROM DEBRIS GENERATED FROM THE CONSTRUCTION AREAS.

CONTACTS

- VILLAGE OF BUFFALO GROVE**
 MR. DANIEL T. MORROW, P.E.
 VILLAGE ENGINEER
 51 RAUP BOULEVARD
 BUFFALO GROVE, IL 60089
 (847) 559-2523
 emorrow@villageofbuffal grove.org
- VILLAGE OF BUFFALO GROVE - PUBLIC WORKS**
 MR. MICHAEL K. SWABE
 51 RAUP BOULEVARD
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 mswabe@villageofbuffal grove.org
- BUFFALO GROVE FIRE DEPARTMENT**
 JOE WELTER
 50 RAUP BOULEVARD
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- BUFFALO GROVE POLICE DEPARTMENT**
 LITTE JABRIS
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 enliten@buffal grove.org
- ARLINGTON HEIGHTS TOWNSHIP HIGH SCHOOL DISTRICT 214**
 2121 SOUTH GOEBBERT ROAD
 ARLINGTON HEIGHTS, IL 60005
 paula@arlingtonheights.org
- WHEELING CENTRAL CONSOLIDATED SCHOOL DISTRICT 21**
 999 WEST DUNDEE ROAD
 WHEELING, IL 60090
 (847) 539-9420
- AT&T ENGINEERING**
 1000 COMMERCIAL DRIVE
 OAK BROOK, IL 60023
 (630) 573-5165
 hq2121@att.net
- COMCAST**
 MS. MARTHA GRAS
 668 INDUSTRIAL DRIVE
 FARMERSVILLE, IL 60176
 (224) 229-5812
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- COMMONWEALTH EDISON COMPANY**
 MS. LISA ALVAST
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 1 INCON, CENTRE
 OAKBROOK TERRACE, IL 60181
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- LEVEL 3 COMMUNICATIONS (CENTURYLINK)**
 1305 F ALCONQUIN ROAD
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- MCI**
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 joe.chaney@verizon.com
- NICOR GAS**
 MR. CHARLES BARROTT, P.E.
 MAADEN, MAADEN AND WILSON
 BRIM FERRY ROAD
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- UNITE PRIVATE NETWORK**
 MR. GEORGE TORRES
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 (478) 832-0663
 george.torres@unitecc.com
- WINDSTREAM KOL**
 T. (800) 289-1901
 kol@windstream.com



1400 Pioneer Plaza, Suite 1000
 Naperville, IL 60563
 Tel: 630.733.9900 Fax: 630.733.9910
 www.civiltech.com

DATE	REVISION	BY
01/11/12	1	MM
01/11/12	2	MM
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 GENERAL NOTES AND STANDARDS

DATE	REVISION	BY
01/11/12	1	MM
01/11/12	2	MM
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NO.	DATE	BY

NO.	DATE	BY



PROJECT NO.	11102211
CONTRACT NO.	11102211
DATE	11/10/22
REVISED	
BY	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**AUNGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
SUMMARY OF QUANTITIES**

SECTION	
COUNTY	
CONTRACT NO.	

* DENOTES SPECIAL PROVISION

ITEM NO.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
1	21101615	SOIL FURNISH AND PLACE - 4"	50 YU	35
2	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1
3	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1
4	25200110	SODDING SALT TOL PRAWT	50 YD	35
5	25200200	SUPPLEMENTAL WATERING	UNIT	5
6	35101400	AGGREGATE BASE COURSE, TYPE R	TON	92
7	42001300	DIRECTIVE SIGN	50 YD	158
8	42400310	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	50 FT	320
9	44001100	PAVEMENT REMOVAL	50 YD	57
10	44005500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	61
11	44005600	SIDEWALK REMOVAL	50 FT	278
12	44003100	MEDIAN REMOVAL	50 FT	406
13	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE R-6,12	FOOT	7
14	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE R-6,24	FOOT	55
15	60619300	CONCRETE MEDIAN, TYPE SR-6,06	50 FT	919
16	67100100	MOBILIZATION	L.SUM	1
17	70107025	CHANGEOUT MESSAGE SIGN	CAI DA	78
18	72000100	SIGN PANEL, TYPE 1	50 FT	92
19	72400100	REMOVE SIGN PANEL ASSEMBLY, TYPE A	EACH	4
20	72400100	TELECOMMUNICATIONS SIGN SUPPORT	FOOT	123

919

57

11

11

DATE	NO.	BY

DATE	NO.	BY



1100 North Broad Street, Suite 1000
 Chicago, IL 60610
 Tel: 312.733.2000 Fax: 312.733.2070
 www.civiltech.com

DESIGNER	NO.	DATE

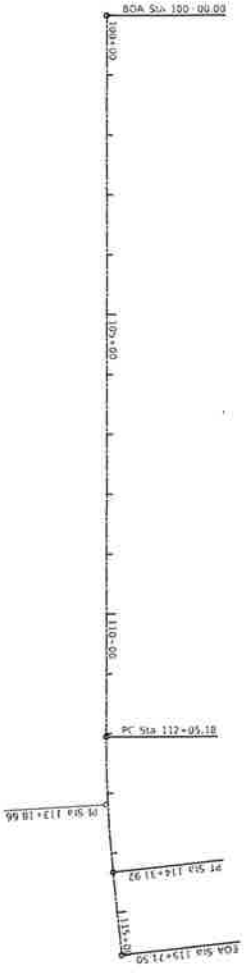
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 ALIGNMENT, TRS, AND BENCHMARKS

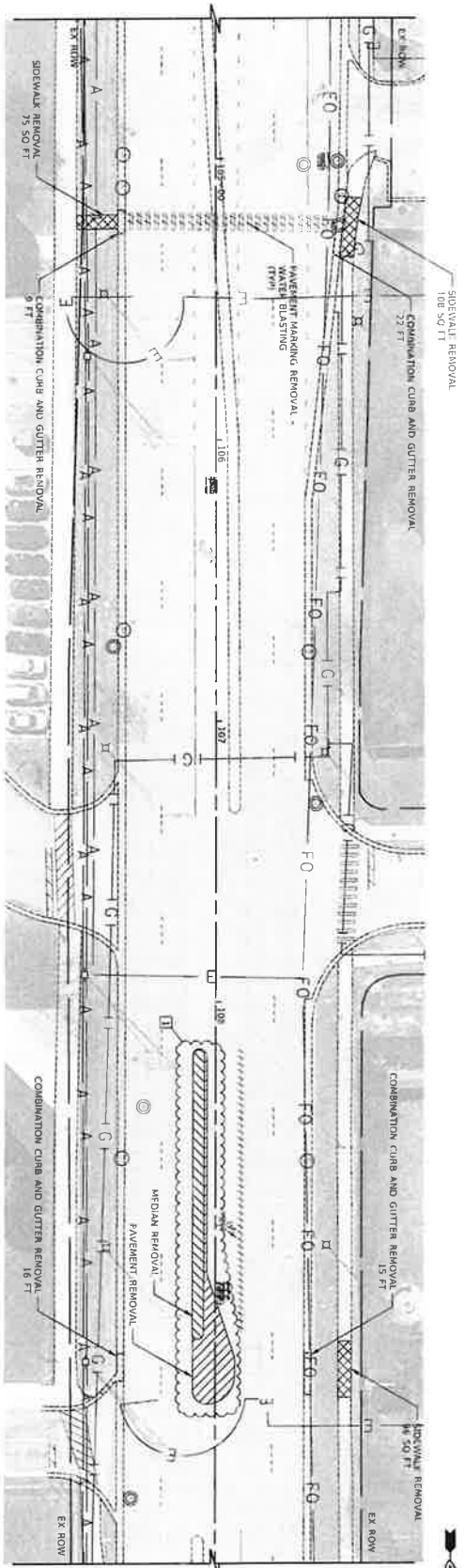
DATE	SECTION	COUNTY	TOWNSHIP

NOTE:
 1. ALIGNMENT HAS BEEN DEVELOPED USING THE NORTH AMERICAN DATUM OF 1983
 (NAD83) COORDINATE SYSTEM.



**ARLINGTON HEIGHTS ROAD
 ALIGNMENT DATA**

POINT	STATION	NORTHING	EASTING
BGA	100+00.00	1,991,474.11	1,078,690.33
POB	112+05.18	1,991,679.29	1,078,600.24
POA	113+18.66	1,991,792.78	1,078,692.42
POB	114+11.92	1,991,905.61	1,078,690.23
POA	115+00.00	1,992,044.38	1,078,652.29

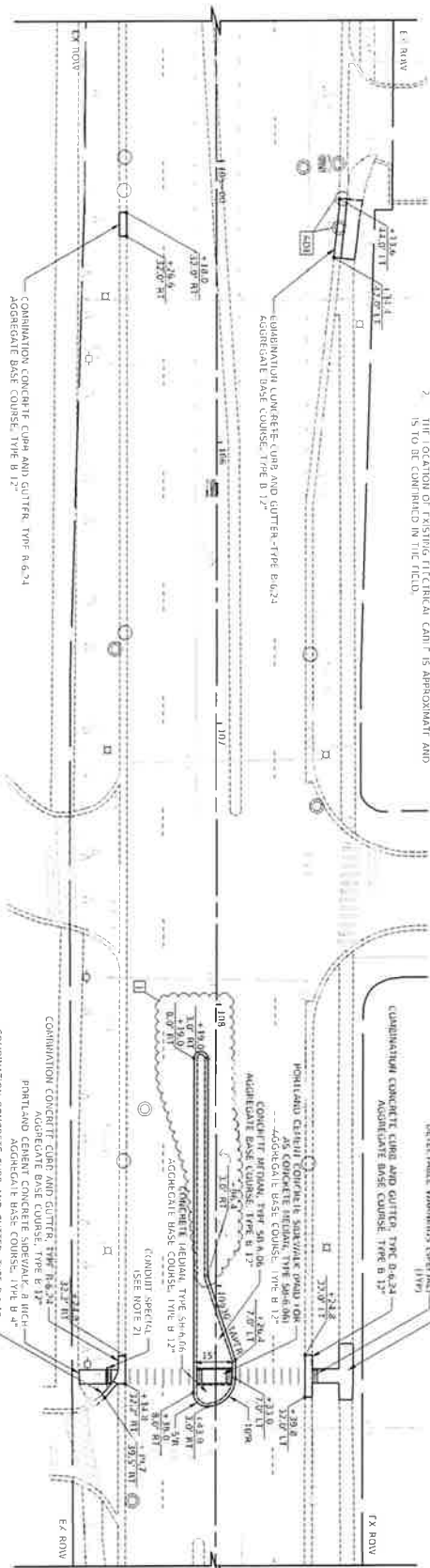


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NO.	DATE	REVISION
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- LEGEND**
- ▨ SIDEWALK REMOVAL
 - ▧ PAVEMENT REMOVAL
 - ▩ PAVEMENT REMOVAL
 - ▧ CURB AND GUTTER REMOVAL
 - //// PAVEMENT PARKING REMOVAL
 - ▨ DETRIABLE WARNING

- NOTES:**
1. FOR SIDEWALK LAYOUT, SEE ADA SHEETS
 2. THE LOCATION OF EXISTING METRIC CURB IS APPROXIMATE AND IS TO BE CORRECTED IN THE FIELD.



CIVILTECH
 1400 North State Street, Suite 1000
 Chicago, IL 60610
 Tel: 630.723.9800 Fax: 630.723.9875
 www.civiltech.com

PROJECT NO.	1000000000
DATE	10/1/2010
SCALE	AS SHOWN
DESIGNER	CHEN, YI
CHECKER	CHEN, YI
DATE	10/1/2010

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



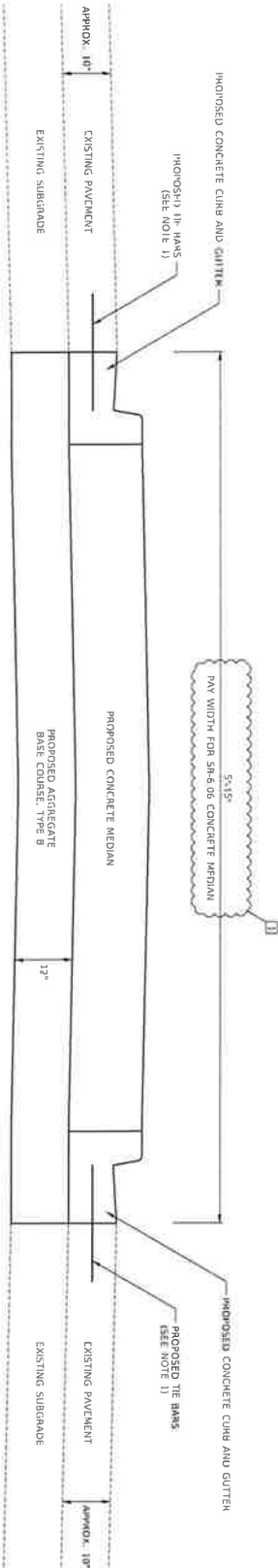
ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
ROADWAY PLAN

DATE	10/1/2010
SCALE	AS SHOWN
DESIGNER	CHEN, YI
CHECKER	CHEN, YI
DATE	10/1/2010

PROPOSED ARLINGTON HEIGHTS ROAD

DATE	BY	NO.	REV.

DATE	BY	NO.	REV.



NOTE:
 1. THE BARS SHALL BE NO. 6 THE BARS, 18 INCHES LONG, EMBEDDED 4 INCHES AT 24 IN. CENTERS IN ACCORDANCE WITH THE ARTICLE 420.05 (B) OF THE ILLINOIS CONSTRUCTION CODE. THE BARS SHALL BE PROVIDED FOR SEPARATELY BUT SHALL BE INCLUDED IN COST OF PROPOSED CURB AND GUTTER.

CIVILTECH
 Two Rivers Plaza, Suite 1000
 Tulsa, Oklahoma 74114
 Tel: 918.438.1111
 Fax: 918.438.1112
 www.civiltech.com

PROJECT NO.	11000010	DATE	11/10/2011
CLIENT	STATE OF ILLINOIS	DESIGNED BY	
		CHECKED BY	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABINGDON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL

MEDIAN DETAIL

DATE	BY	NO.	REV.

CITY	NO.	DATE

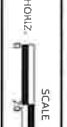
DATE	BY	APP'D



1111 North Lincoln Street, Suite 100
 Chicago, IL 60610
 Tel: (312) 733-9000 Fax: (312) 733-9079
 www.civiltech.com

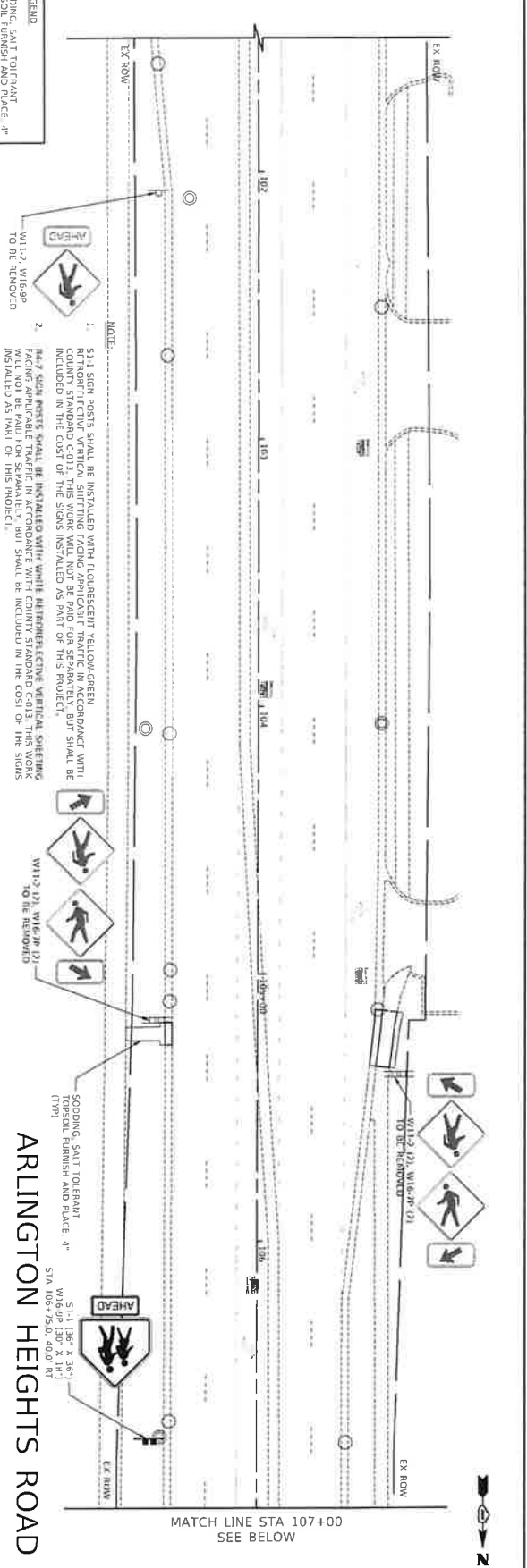
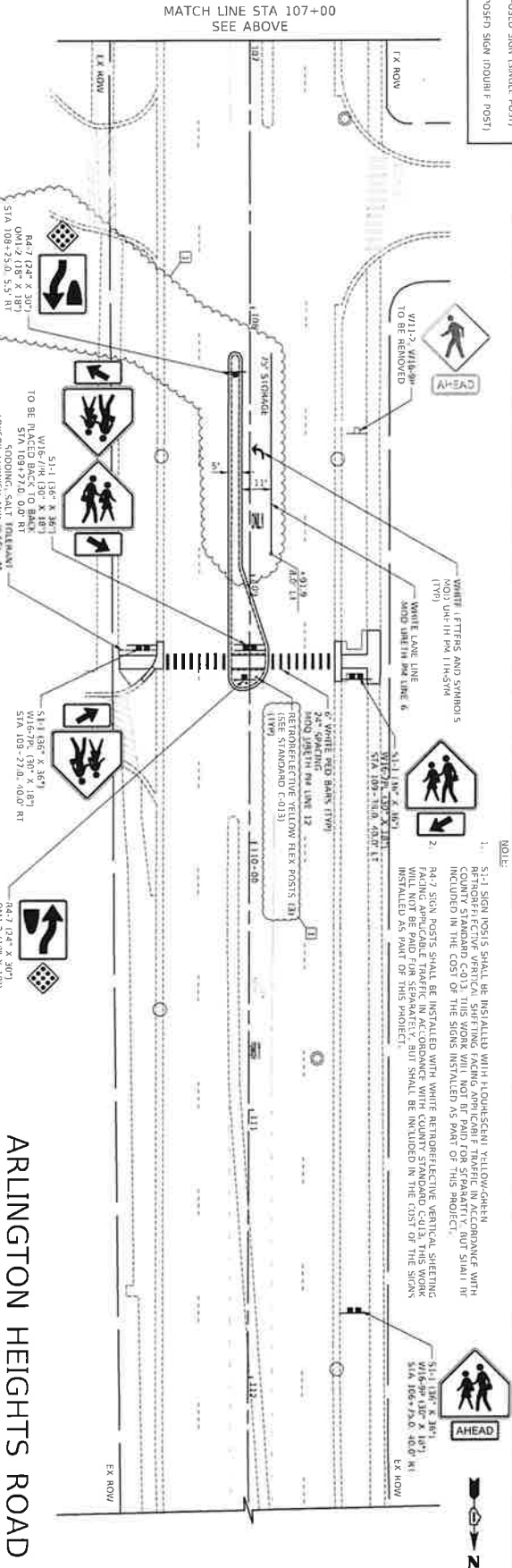
PROJECT NO.	1111-1111
DATE	11/11/11
DESIGNED BY	
CHECKED BY	
APPROVED BY	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



ARRINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 PARALLEL MARKING, SIGNING, AND LANDSCAPE RESTORATION PLAN
 SHEET 1 OF 1 SHEET NO. 1111-1111-010 TO 1111-1111-010

DATE			
BY			



LEGEND
 SODDING, SALT TOLERANT
 TOPSOIL, FURNISH AND PLACE - 4\"/>

NOTE:
 1. S11 SIGN POSTS SHALL BE INSTALLED WITH FLUORESCENT YELLOW-GREEN
 COUNTY STANDARD C-013. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE
 INCLUDED IN THE COST OF THIS PROJECT.
 2. R4-7 SIGN POSTS SHALL BE INSTALLED WITH WHITE RETROREFLECTIVE VERTICAL SHEETING,
 FACING APPLICABLE TRAFFIC IN ACCORDANCE WITH COUNTY STANDARD C-013. THIS WORK
 WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SIGNS
 INSTALLED AS PART OF THIS PROJECT.

NOTE:
 1. S11-1 SIGN POSTS SHALL BE INSTALLED WITH FLUORESCENT YELLOW-GREEN
 COUNTY STANDARD C-013. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE
 INCLUDED IN THE COST OF THIS PROJECT.
 2. R4-7 SIGN POSTS SHALL BE INSTALLED WITH WHITE RETROREFLECTIVE VERTICAL SHEETING,
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 COUNTY STANDARD C-013. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE
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 WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE SIGNS
 INSTALLED AS PART OF THIS PROJECT.

DATE	BY	CHK'D
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.

DATE	BY	CHK'D
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.

1400 West 10th Street
 Suite 100
 Lincoln, NE 68502
 Tel: 402.479.2000 Fax: 402.479.2075
 www.civiltech.com

DATE	BY	CHK'D
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.

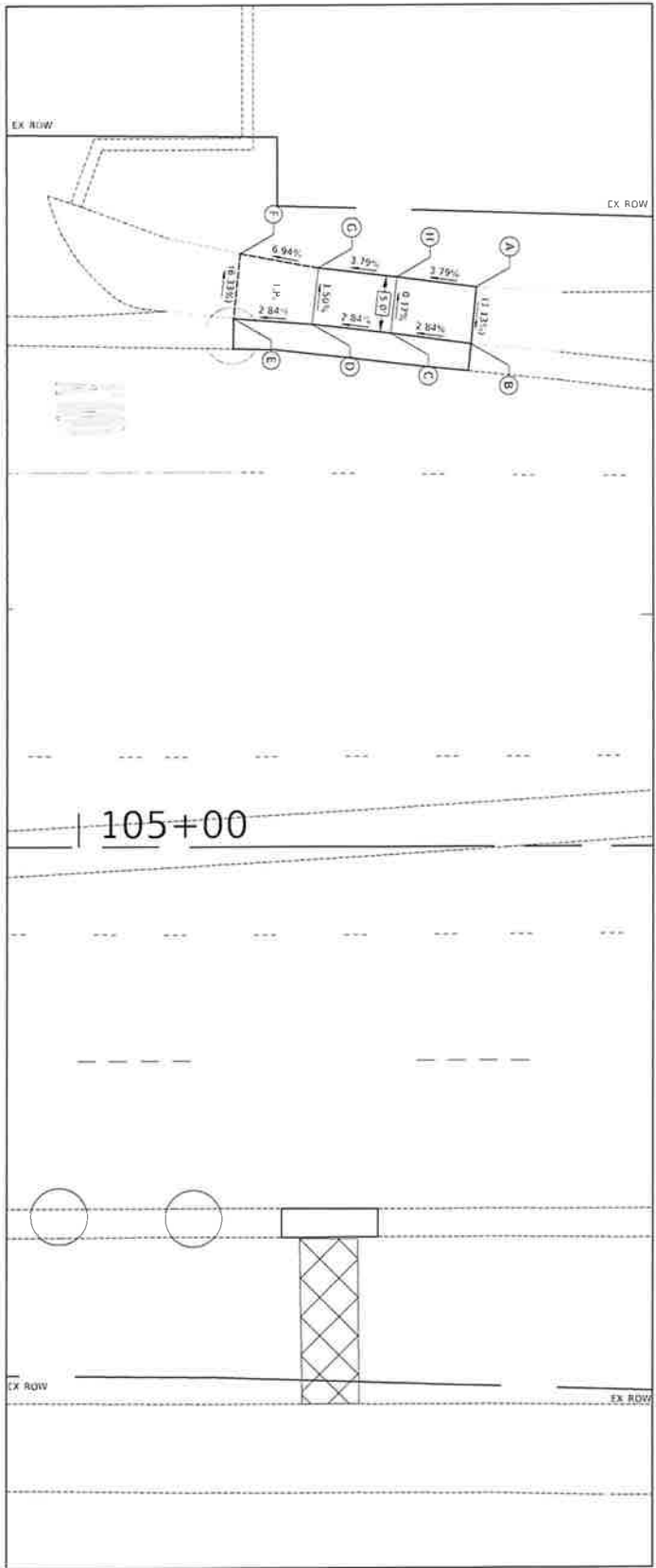
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



ADLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 ADA CURB RAMP DETAILS

DATE	BY	CHK'D
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.
10/15/10	J. J. J.	J. J. J.

POINT	STATION	CH+5.0	ELEVATION
A	105+18.44	46.40'	1108.21
B	105+18.44	45.40'	1108.21
C	105+20.59	46.14'	1108.56
D	105+20.59	46.14'	1108.56
E	105+21.16	52.40'	1107.80
F	105+21.16	51.11'	1108.29
G	105+28.11	50.31'	1108.55



- LEGEND**
- SIDEWALK REMOVAL
 - REPAIR w/ TOPSOIL & SOD
 - DEPRESSED CURB & GUTTER
 - PROPOSED SIDE CURB
 - PROPOSED SIDEWALK
 - SIDEWALK TRANSITION PANEL
 - DETECTABLE WARNING (SPECIAL)

DATE	BY	CHK'D
10/11/11	MM	MM
10/11/11	MM	MM
10/11/11	MM	MM
10/11/11	MM	MM

DATE	BY	CHK'D
10/11/11	MM	MM
10/11/11	MM	MM
10/11/11	MM	MM
10/11/11	MM	MM



1440 North Lincoln Road, Suite 1400
 Lincoln, Illinois 62654
 Phone: 618.329.1100
 Fax: 618.329.1101
 www.civiltech.com

PROJECT NO.	1109-20-75
DATE	11/03/11
DESIGNER	MM
CHECKER	MM
DATE	11/03/11
DESIGNER	MM
CHECKER	MM

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

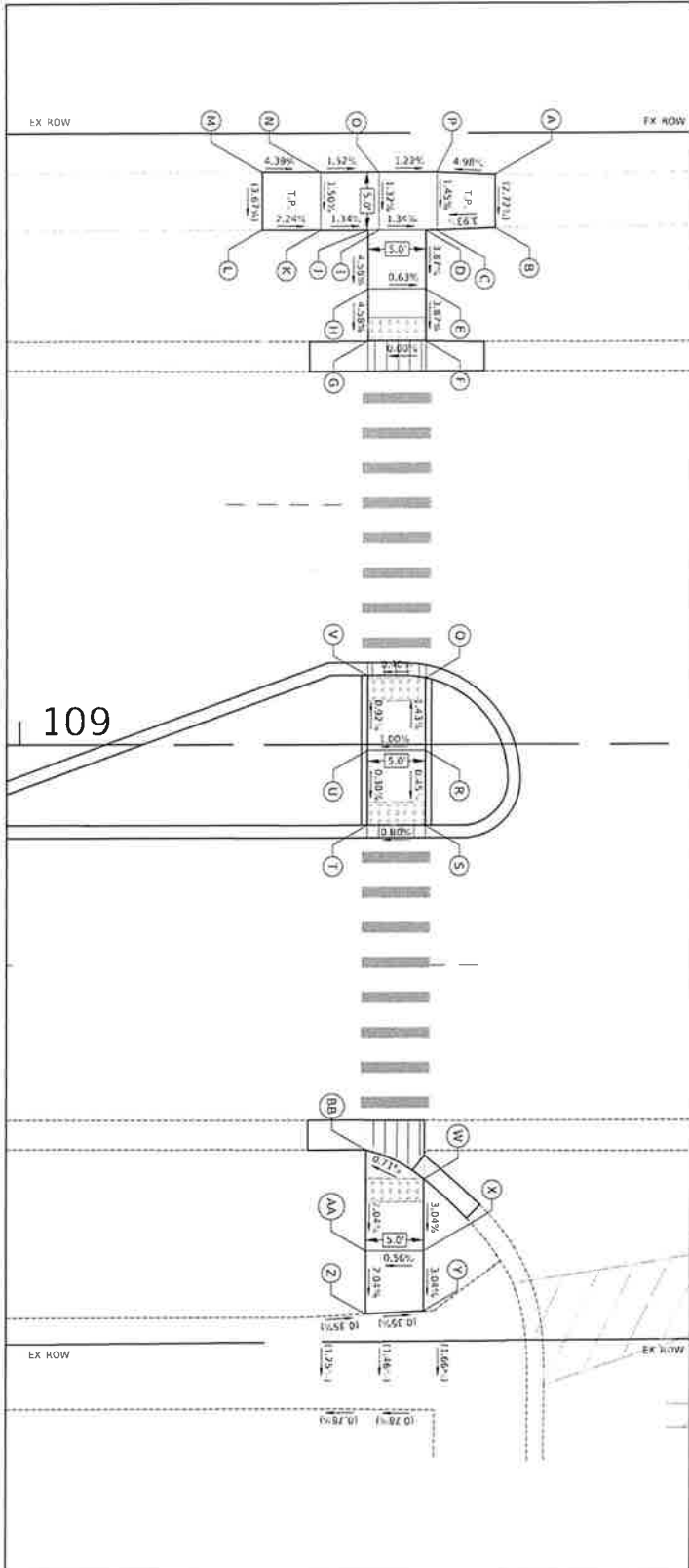


RAVINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 ADA CURB RAMP DETAILS

DATE	11/03/11
BY	MM
CHECKED	MM
DATE	11/03/11
BY	MM
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DATE	11/03/11
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CHECKED	MM

- LEGEND**
- SIDEWALK REMOVAL
 - REFRACT W/ TOPSOIL & SOD
 - DEPRESSED CURB & GUTTER
 - PROPOSED SIDE CURB
 - PROPOSED SIDEWALK
 - SIDEWALK TRANSITION PANEL
 - DETECTABLE WARNINGS (SPECIAL)

POINT	STATION	CHISEL	ELEVATION	POINT	STATION	CHISEL	ELEVATION
A	109+40.75	48.57' L	(718.74)	G	109+30.75	49.95' L	714.55
B	109+40.75	44.77' L	(714.61)	H	109+30.75	49.95' L	714.49
C	109+35.75	44.05' L	714.47	I	109+34.82	5.77' L	714.38
D	109+34.82	44.05' L	714.41	J	109+34.82	0.50' N	714.47
E	109+34.82	39.01' L	714.23	K	109+34.82	6.92' N	714.44
F	109+34.82	34.55' L	714.06	L	109+29.82	6.92' N	714.40
G	109+29.82	31.07' L	714.56	M	109+29.82	5.52' N	714.42
H	109+29.82	26.51' L	714.56	N	109+29.82	5.52' N	714.42
I	109+30.75	44.05' L	714.48	O	109+34.82	13.25' N	714.63
J	109+29.82	44.05' L	714.50	P	109+34.82	13.25' N	714.64
K	109+25.75	44.05' L	(714.55)	Q	109+29.82	48.80' N	(713.60)
L	109+20.75	42.00' L	(713.66)	R	109+29.82	48.80' N	(713.70)
M	109+20.75	49.00' L	(713.61)	AA	109+29.82	43.42' N	(713.81)
N	109+20.75	49.00' L	714.62	BB	109+29.82	34.17' N	713.89



NO.	DATE
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19	11/15/11
20	11/15/11

ADJUSTMENT ITEMS	EX	PR	ALIGNMENT ITEMS	EX	PR	DRAINAGE ITEMS	EX	PR
Structure To Be Adjusted		[ADJ]	Baseline	_____	_____	Channel or Stream Line	_____	_____
Structure To Be Cleaned		[C]	Centerline	_____	_____	Culvert Line	_____	_____
Main Structure To Be Filled		[FM]	Centerline Break Circle	○	○	Grading & Shaping Ditches	_____	_____
Structure To Be Filled		[F]	Baseline Symbol	⊥	⊥	Drainage Boundary Line	_____	_____
Structure To Be Filled Special		[FSP]	Centerline Symbol	⊥	⊥	Paired Ditch	_____	_____
Structure To Be Removed		[R]	PI Indicator	+	+	Aggregate Ditch	_____	_____
Structure To Be Reconstructed		[REC]	Point Indicator	•	•	Pipe Underdrain	_____	_____
Structure To Be Reconstructed Special		[RSP]	Horizontal Curve Data (Half Size)	_____	_____	Storm Sewer	_____	_____
Frame and Grate To Be Adjusted		[A]	BOUNDARIES ITEMS			Flowline	_____	_____
Frame and Lid To Be Adjusted		[A]	Dashed Property Line	---	---	Ditch Creek	_____	_____
Domestic Service Box To Be Adjusted		[A]	Solid Property Line	_____	_____	Headwall	_____	_____
Valve Vault To Be Adjusted		[A]	Section/Grate Line	_____	_____	Inlet	_____	_____
Special Adjustment		[SP]	Quarter Section Line	_____	_____	Manhole	_____	_____
Item To Be Abandoned		[AB]	Quarter/Quarter Section Line	_____	_____	Summit	_____	_____
Item To Be Reused		[M]	County/Township Line	_____	_____	Roadway Ditch Flow	_____	_____
Item To Be Allocated		[REL]	State Line	_____	_____	Swale	_____	_____
Pavement Removal and Replacement		[REL]	Chiseled Square Found	□	□	Calc. Bash	_____	_____
			Iron Pipe Found	○	○	Culvert End Section	_____	_____
			Iron Pipe Set	●	●	Water Surface Indicator	_____	_____
			Survey Marker	⊙	⊙	Riprap	_____	_____
			Property Line Symbol	⊥	⊥	HYDRAULICS ITEMS		
			Same Ownership Symbol (Half Size)	⊥	⊥	Overflow	_____	_____
			Northwest Quarter Corner (Half Size)	⊙	⊙	Sheet Flow	_____	_____
			Section Corner (Half Size)	⊙	⊙	Hydrant Outlet	_____	_____
			Southeast Quarter Corner (Half Size)	⊙	⊙			



Head Office: 1000
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADMINISTRATIVE HEIGHTS ROAD CROSSWALK RECOGNITION AT BUFFALO GROVE HIGH SCHOOL
1001 HIGHWAY STANDARDS
SHEET 2 OF 22
10/12/11

DATE: 11/15/11
SHEET NO.: 2
CONTRACT NO.: XXXX

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
Sheet 2 of 22
STANDARD 000001-08

EROSION & SEDIMENT CONTROL ITEMS

Cleaning & Grading Limits		PR
Dike		PR
Erosion Control Fence		PR
Perimeter Erosion Barrier		PR
Temporary Fence		PR
Ditch Check Temporary		PR
Ditch Check Permanent		PR
Inlet & Pipe Protection		PR
Sediment Basin		PR
Erosion Control Blanket		PR
Fabric Formed Concrete Retention Mat		PR
Soil Reinforcement Mat		PR
Mulch Temporary		PR
Mulch Method 1		PR
Mulch Method 2 Stabilized		PR
Mulch Method 3 Hydroseed		PR

CONTOUR ITEMS

Approx Index Line		EX
Approx Intermediate Line		EX
Index Contour		EX
Intermediate Contour		EX



1100 North State Street
 Springfield, IL 62761
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DEPARTMENT OF TRANSPORTATION
 STATE OF ILLINOIS

NON-HIGHWAY IMPROVEMENT ITEMS

Noise Attn./Levee		EX
Field Line		EX
Fence		EX
Base of Levee		PR
Mallows		PR
Multiple Mallows		PR
Pay Telephone		EX
Advertising Sign		EX
ITS Camera		EX
Wind Turbine		EX
Cellular Tower		EX
Intelligent Transportation Systems		EX
Landscaping Items		PR
Contour Mounding Line		PR
Fence		PR
Fence Post		PR
Shrubs		PR
Nonline		PR
Perennial Plants		PR
Seeding Class 2		PR
Seeding Class 2A		PR
Seeding Class 4		PR
Seeding Class 4 & 5 Combined		PR

EXISTING LANDSCAPING ITEMS (cont'd.)

Seeding Class 5		PR
Seeding Class 7		PR
Seedlings Type 1		PR
Seedlings Type 2		PR
Seeding		PR
Mowlawn w/Sign		PR
Tree Trunk Protection		PR
Evergreen Tree		PR
Shade Tree		PR

LIGHTING

Duct		EX
Conduit		EX
Electrical Aerial Cable		EX
Electrical Buried Cable		EX
Controller		EX
Underpass Luminaire		EX
Power Pole		EX

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 STANDARD 000001-08
 (Revised 3 of 91)

AMUNDIN HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 DOT HIGHWAY STANDARDS
 SHEET 2 OF 27
 PROJECT SHEET NO. XXXX

NO.	DATE	REVISION

NO.	DATE	REVISION

NO.	
DATE	
BY	
FOR	
REVISION	
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BY	
FOR	
REVISION	

NO.	
DATE	
BY	
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REVISION	
NO.	
DATE	
BY	
FOR	
REVISION	



The Public Trustee, State of Illinois
 100 North Dearborn Street, Suite 1700
 Chicago, Illinois 60610
 Tel: 312.724.2000 Fax: 312.724.2079
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARMINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 IDOT HIGHWAY STANDARDS
 100' HIGHWAY STANDARDS

DATE	3/1/2011
BY	SA. CHEN
CHECKED	
DATE	
BY	
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BY	
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BY	



NO.	
DATE	
BY	
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REVISION	
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LIGHTING (Cont'd.)	EX	PR	PAVEMENT MARKINGS	EX	PR
Pipe Paint			Handicap Symbol		
Handicapped			RR Crossing		
Heavy Duty Handhole			Raised Marker Amber 1 Way		
Junction Box			Raised Marker Amber 2 Way		
Light Unit Cont'd			Raised Marker Crystal 1 Way		
Electrical Ground			Two Way Turn Left		
Traffic Flow Arrow			Shoulder Dug Pattern		
High Road Pole (Under Street)			Slip Ditch White		
Light Unit 1			Slip Ditch Yellow		
PAVEMENT (MISC.)	EX	PR	Slip Lane		
Keyed Long Joint			Solid Line		
Keyed Long Joint w/Re Bars			Dashed Centerline		
Sawed Long Joint w/Re Bars			Dotted Lines		
Bituminous Shoulder					
Bituminous Taper					
Stabilizer Driveway					
Welding					

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 STANDARD 000001-08
 (Revised 4 of 9)

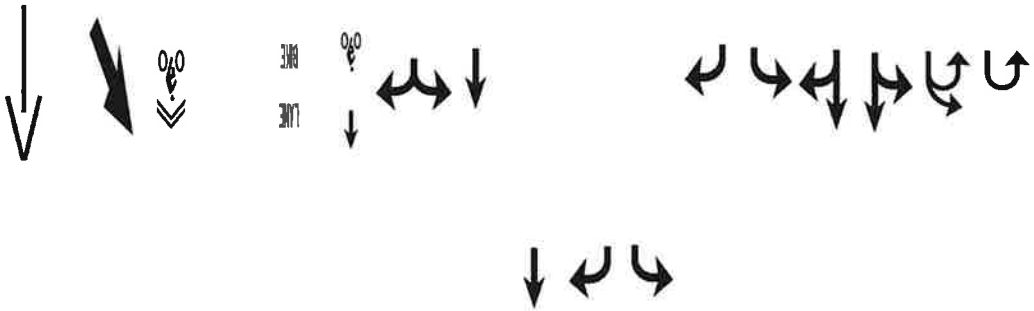
PAYEMENT MARKINGS
(contd.)

EX

PR

- Urban U-Turn
- Urban Combined U-Turn
- Rural Combination Left
- Rural Combination Right
- Rural Left Lane Arrow
- Rural Right Turn Arrow
- Rural Left Turn Only
- Rural Right Turn Only
- Rural Thru Arrow
- Rural U & R Turn Arrow
- Bike Lane Symbol
- Bike Lane Text
- Bike Path Shared
- Bike Shared Rightway
- Lane Drop Symbol

ONLY ONLY ONLY



**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**
STANDARD 000001-08

High Performance Seals 1000
11407 1/2 S. 200th St. #100
Westfield, WI 53091
www.civiltech.com

DESIGNED BY	DATE	REVISED BY	REVISED DATE
CHKD BY	DATE	CHKD BY	DATE
APPROVED BY	DATE	APPROVED BY	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABINGDON HEIGHTS ROAD CROSSWALK RECOGNITION AT BUFFALO GROVE HIGH SCHOOL
LOAD HIGHWAY STANDARDS

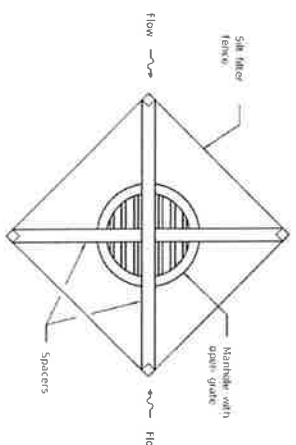
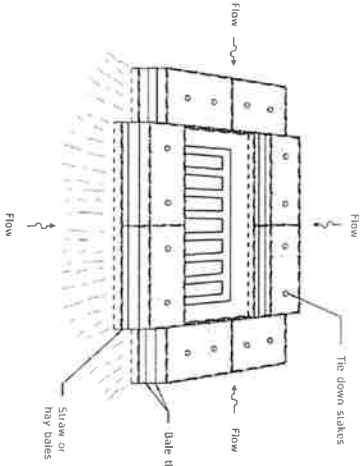
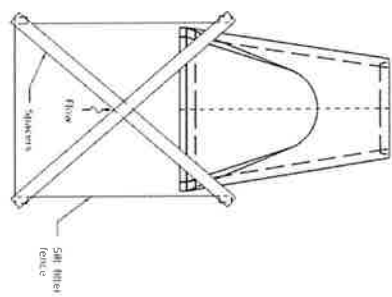
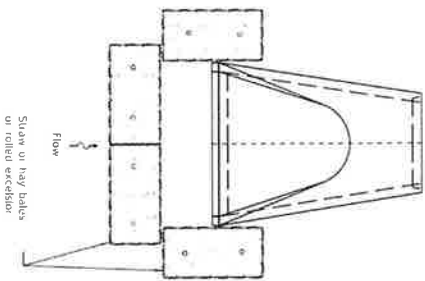
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SCALE	BY	NO.	DATE

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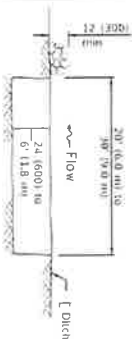
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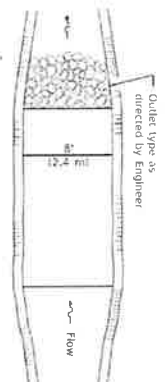


INLET AND PIPE PROTECTION



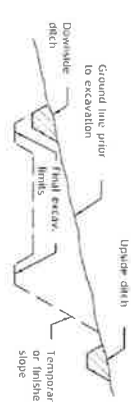
The performance of the basin will improve if put into a series.

ELEVATION



The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

SEDIMENT BASIN

Illinois Department of Transportation

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

ADJUSTMENT HEIGHTS ROAD CROSSWALK REDUCTION AT BUFFALO GROVE HIGH SCHOOL

1407 HIGHWAY STANDARDS

STANDARD 280001-07

Sheet 2 of 21

CIVILTECH

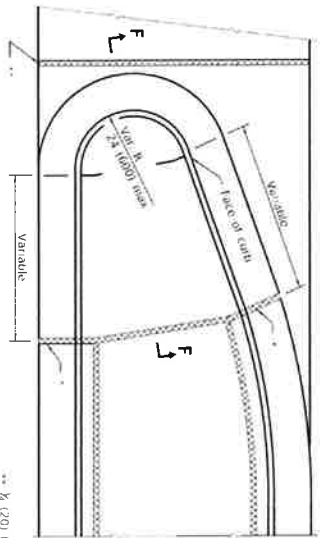
1407 HIGHWAY STANDARDS

STANDARD 280001-07

Sheet 2 of 21

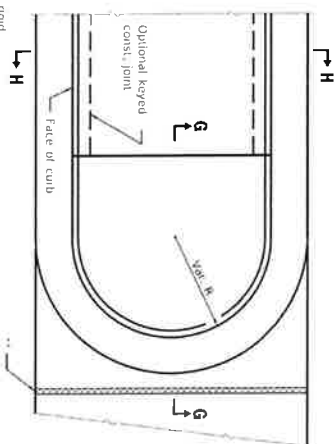
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TYPE D MEDIAN SURFACE

** K (20) PE/F between rigid pavement and median end. Align with joint in adjacent pavement.



SOLID MEDIAN

TABLE OF DIMENSIONS

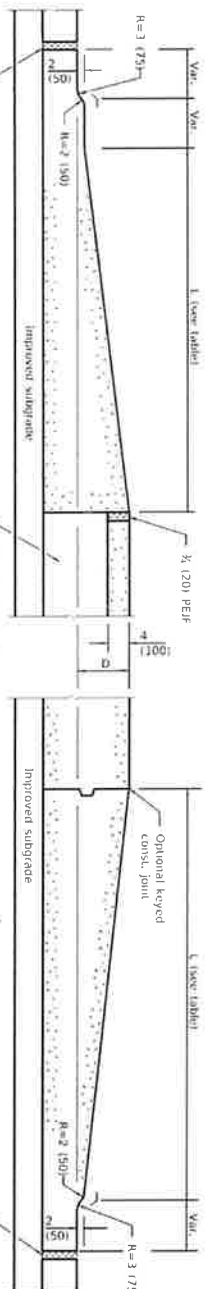
TYPE SM MEDIANS

TYPE	A	B	C	D	R ₁
SB-6.00	6	1	6	6	1
SB-15.15	12	1	12	12	1
SB-6.12	6	1	6	6	1
SB-6.18	6	1	6	6	1
SB-6.24	6	1	6	6	1
SB-6.30	6	1	6	6	1
SB-6.36	6	1	6	6	1
SB-6.42	6	1	6	6	1
SB-6.48	6	1	6	6	1
SB-6.54	6	1	6	6	1
SB-6.60	6	1	6	6	1
SB-6.66	6	1	6	6	1
SB-6.72	6	1	6	6	1
SB-6.78	6	1	6	6	1
SB-6.84	6	1	6	6	1
SB-6.90	6	1	6	6	1
SB-6.96	6	1	6	6	1
SB-7.02	6	1	6	6	1
SB-7.08	6	1	6	6	1
SB-7.14	6	1	6	6	1
SB-7.20	6	1	6	6	1
SB-7.26	6	1	6	6	1
SB-7.32	6	1	6	6	1
SB-7.38	6	1	6	6	1
SB-7.44	6	1	6	6	1
SB-7.50	6	1	6	6	1
SB-7.56	6	1	6	6	1
SB-7.62	6	1	6	6	1
SB-7.68	6	1	6	6	1
SB-7.74	6	1	6	6	1
SB-7.80	6	1	6	6	1
SB-7.86	6	1	6	6	1
SB-7.92	6	1	6	6	1
SB-7.98	6	1	6	6	1
SB-8.04	6	1	6	6	1
SB-8.10	6	1	6	6	1
SB-8.16	6	1	6	6	1
SB-8.22	6	1	6	6	1
SB-8.28	6	1	6	6	1
SB-8.34	6	1	6	6	1
SB-8.40	6	1	6	6	1
SB-8.46	6	1	6	6	1
SB-8.52	6	1	6	6	1
SB-8.58	6	1	6	6	1
SB-8.64	6	1	6	6	1
SB-8.70	6	1	6	6	1
SB-8.76	6	1	6	6	1
SB-8.82	6	1	6	6	1
SB-8.88	6	1	6	6	1
SB-8.94	6	1	6	6	1
SB-9.00	6	1	6	6	1
SB-9.06	6	1	6	6	1
SB-9.12	6	1	6	6	1
SB-9.18	6	1	6	6	1
SB-9.24	6	1	6	6	1
SB-9.30	6	1	6	6	1
SB-9.36	6	1	6	6	1
SB-9.42	6	1	6	6	1
SB-9.48	6	1	6	6	1
SB-9.54	6	1	6	6	1
SB-9.60	6	1	6	6	1
SB-9.66	6	1	6	6	1
SB-9.72	6	1	6	6	1
SB-9.78	6	1	6	6	1
SB-9.84	6	1	6	6	1
SB-9.90	6	1	6	6	1
SB-9.96	6	1	6	6	1
SB-10.00	6	1	6	6	1

TABLE OF DIMENSIONS

TYPE M AND SM MEDIANS

TYPE	A	B	C	D	R ₁
M-2.00	6	2	4	2	1
M-2.50	6	2	4	2	1
M-3.00	6	2	4	2	1
M-3.50	6	2	4	2	1
M-4.00	6	2	4	2	1
M-4.50	6	2	4	2	1
M-5.00	6	2	4	2	1
M-5.50	6	2	4	2	1
M-6.00	6	2	4	2	1
M-6.50	6	2	4	2	1
M-7.00	6	2	4	2	1
M-7.50	6	2	4	2	1
M-8.00	6	2	4	2	1
M-8.50	6	2	4	2	1
M-9.00	6	2	4	2	1
M-9.50	6	2	4	2	1
M-10.00	6	2	4	2	1
M-10.50	6	2	4	2	1
M-11.00	6	2	4	2	1
M-11.50	6	2	4	2	1
M-12.00	6	2	4	2	1
M-12.50	6	2	4	2	1
M-13.00	6	2	4	2	1
M-13.50	6	2	4	2	1
M-14.00	6	2	4	2	1
M-14.50	6	2	4	2	1
M-15.00	6	2	4	2	1



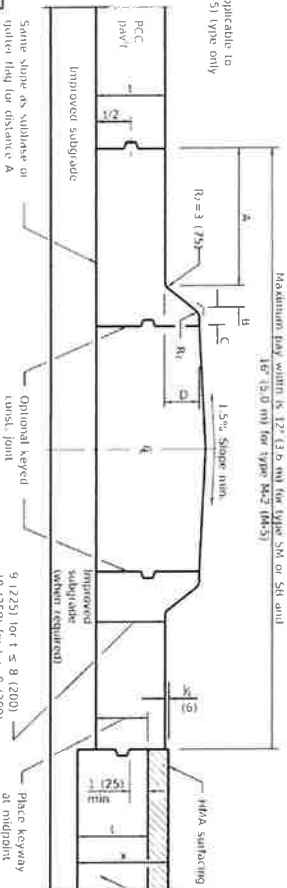
SECTION E-F

SECTION G-G

TABLE OF RAMMED NOSE LENGTHS

TYPE OF NOSE	L
Median	6' (1.8 m)
Small Island	24' (6.00)
Intermediate Island	4' (1.2 m)
Large Island	6' (1.8 m)

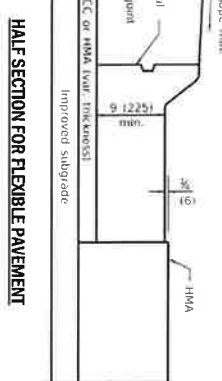
NOTE
R₂ is applicable to M-2 (M-5) type only



HALF SECTION FOR PCC PAVEMENT

SECTION H-H

HALF SECTION FOR PCC BASE COURSE



HALF SECTION FOR FLEXIBLE PAVEMENT

PC CONCRETE ISLANDS AND MEDIANS
Standard 606301-04
(Sheet 2 of 2)

CIVILTECH
Civil Engineering & Surveying
1400 W. 13th Street, Suite 100
Chicago, IL 60604
Tel: 630.713.3300 Fax: 630.713.3375
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DESIGNED BY	REVIEWED BY
DRAWN BY	CHECKED BY
DATE	SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

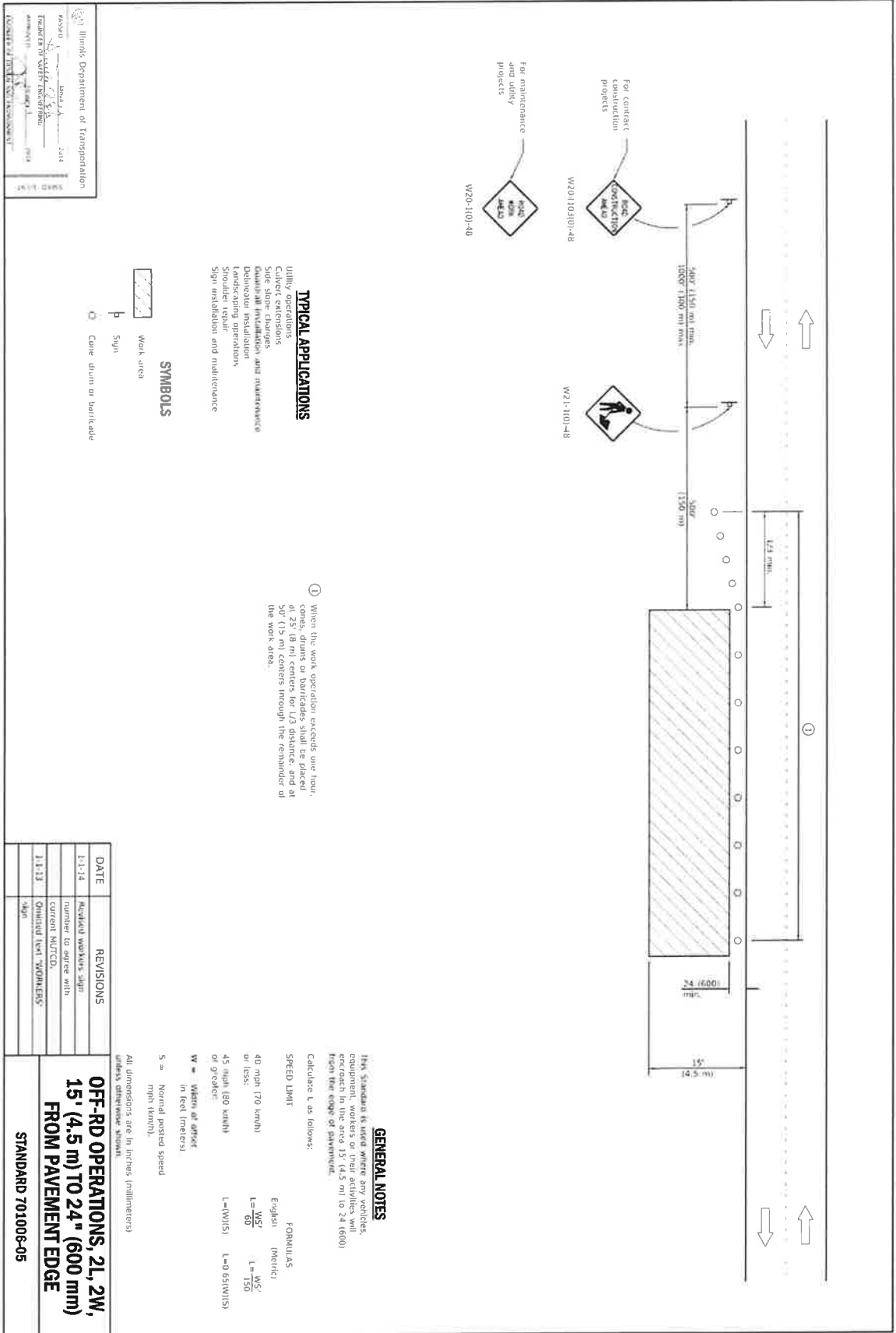
CONTRACT NO. 03-0000

SECTION 1B OF 27

DATE	SECTION	COUNT	NO. OF SHEETS
10/15/13	1B	1	27

DATE	10	10
BY		
CHKD		
APP'D		
SCALE		
PROJECT		

DATE	10	10
BY		
CHKD		
APP'D		
SCALE		
PROJECT		



TYPICAL APPLICATIONS

- Utility operations
- Culvert operations
- Side slope changes
- Queueable installation and maintenance
- Delimitator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cure drum or barricade

① When the work operation exceeds one hour, cones or drums are to be placed at 25' (8 m) centers for 1/3 distance, and at 50' (15 m) centers through the remainder of the work area.

GENERAL NOTES

This Standard is intended for use with any vehicle, equipment, work area, or sign that meets the minimum requirements in the table below. The minimum offset from the edge of pavement is 15' (4.5 m) to 24' (600 mm).

Calculate L as follows:

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of offset in feet (meters)

S = Normal posted speed in mph (km/h)

All dimensions are in inches (millimeters) unless otherwise stated.

FORMULAS

English (Metric)

L = WS² / 60 (L = 150)

L = (W/1.1)S (L = 0.95(W/1.1)S)

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE

STANDARD 701008-05



1100 River Plaza, Suite 100
 The Woodlands, TX 77380
 Tel: 832.773.2000 Fax: 832.773.2010
 www.civiltech.com

PROJECT	701008-05
DATE	10/10/10
BY	AMC
CHKD	AMC
APP'D	AMC
SCALE	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 IDOT HIGHWAY STANDARDS
 SHEET 10 OF 22 SHEETS

DATE	10/10/10
REVISIONS	Revised worker's sign number to agree with current MUTCD.
DATE	11/13
REVISIONS	Added text "WORKERS"
DATE	Sign

DATE	11/11/11
BY	...
NO.	...

DATE	11/11/11
BY	...
NO.	...

1100 Superior Plaza, Suite 1500
 Chicago, IL 60606
 Tel: 312.427.2000 Fax: 312.427.2005
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PROJECT NO.	...
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NO.	...

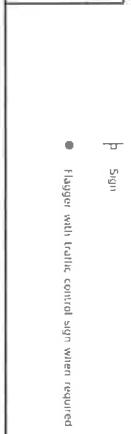
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS ROAD
 CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 DOT HIGHWAY STANDARDS

DATE	1-1-14	REVISIONS
	1-1-14	Revised workers sign number to align with current MUTCD.
	1-1-11	Operational text WORKERS SIGN.

DATE	11/11/11
BY	...
NO.	...

PROJECT NO. 04-01-0000
 DATE 11/11/11



Work area
 Sign
 Hagger with traffic control sign when required

SYMBOLS
 For contract construction projects
 For maintenance utility projects

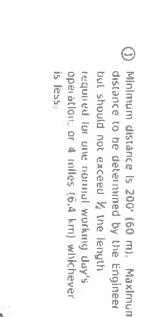


GENERAL NOTES
 This Standard is used where at any time any vehicle, equipment, workers or their activities require an intermittent or continuous moving speed of 1 mph (2 km/h) or less. When the work operator does not exceed 60 minutes, traffic control may be according to Standard 701301. All dimensions are in inches (millimeters) unless otherwise shown.

TYPICAL APPLICATIONS
 Worker work
 Utility operations



Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed 1/2 the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.



OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
STANDARD 701011-04

DATE	11/11/11
BY	...
NO.	...

DATE	BY	NO.

DATE	BY	NO.

State of Illinois
 Department of Transportation
 100 North Dearborn Street, Suite 1000
 Chicago, IL 60610
 Tel: (312) 773-3000 Fax: (312) 773-3075
 www.dot.state.il.us

PROJECT NO.	
SECTION	
DATE	
BY	
CHECKED	
APPROVED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALBUQUERQUE HIGHWAY STANDARDS
1007 HIGHWAY STANDARDS

SHEET	22	OF	32
SHEET	SHEET 51A		
TO	SHEET 51A		

DATE	
REVISIONS	

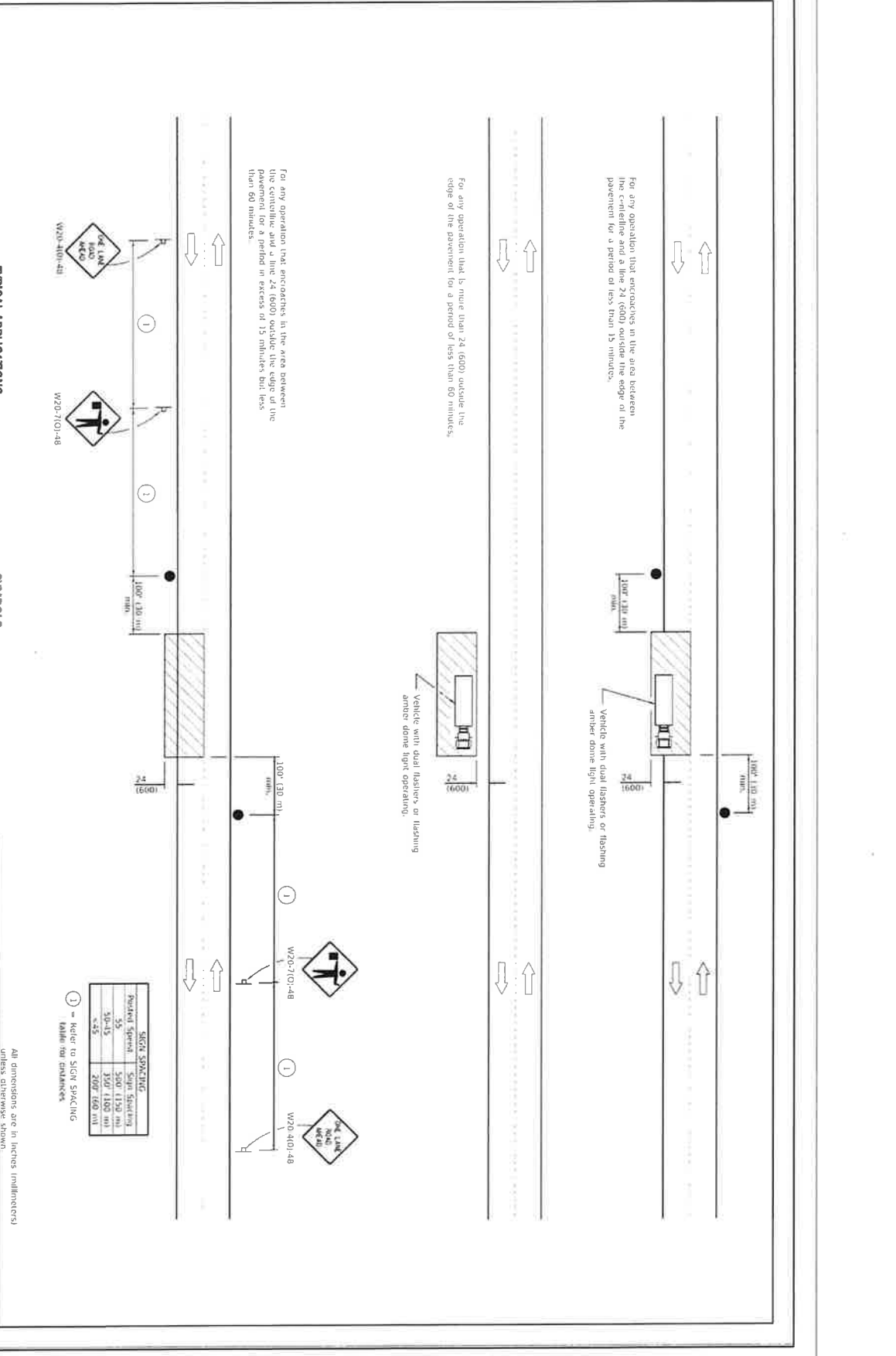
Illinois Department of Transportation
 PROJECT NO. 03-01-01-01
 SECTION 03-01-01-01
 DATE 03-01-01
 BY 03-01-01
 CHECKED 03-01-01
 APPROVED 03-01-01

TYPICAL APPLICATIONS
 Marking patches
 Field survey
 Staking
 Utility operations
 Cleaning up debris on pavement

SYMBOLS
 Work area
 Sign on portable or permanent support
 Flagger with traffic control sign

DATE	REVISIONS
1-1-11	Revised flagger sign
1-1-09	Switched units to English (metric)

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
STANDARD 701301-04



DATE	NOV 11 2011
TIME	10:00 AM
BY	...
FOR	...

DATE	NOV 11 2011
TIME	10:00 AM
BY	...
FOR	...



The Official Traffic Sign 4430
 Order Form 8010
 Call 800 733 3025
 www.detrans.com

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AUNTING HEIGHTS ROAD CROSSWALK RELOCATION AT BIRFORD GROVE HIGH SCHOOL
 IHOI HIGHWAY STANDARDS

SECTION	COUNTY	TOWNSHIP
700K	40	0
CONTRACT NO.	XXXX	

Illinois Department of Transportation
 1000 North Dearborn Street
 Springfield, Illinois 62761-1001

REVISIONS	DATE	DESCRIPTION
1-1-09	11/09/11	...
1-1-00	11/02/12	...

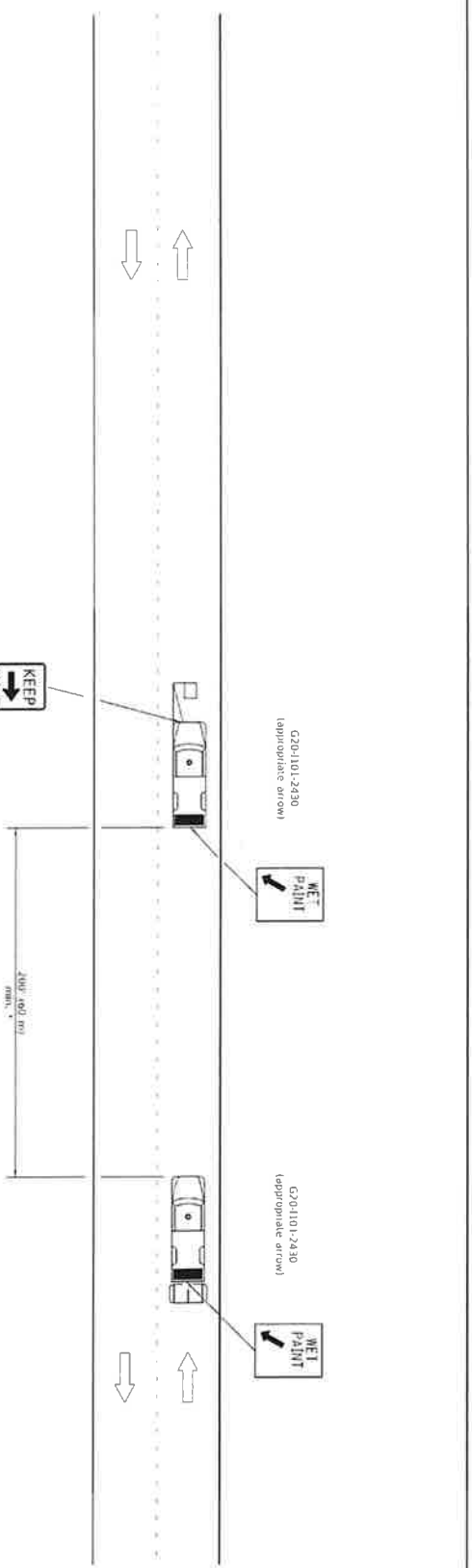
DATE	REVISIONS
1-1-09	Switched units to English (metric) limited
1-1-00	Pass with Care sign
	In Standard title

**LANE CLOSURE 2L, 2W
 MOVING OPERATIONS-
 DAY ONLY**
 STANDARD 701311-03

TYPICAL APPLICATIONS
 Landscaping work
 Utility work
 Pavement marking
 Weed spraying
 Roadmeter measurements
 Road construction
 Crack paving

SYMBOLS
 Arrow board (flashed blue only)
 Truck with headlights, emergency flashers and flashing amber light (visible from all directions)
 18x18 (450x450) mm, orange flag (use when guide wheel is used)
 Truck mounted attenuator

* Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

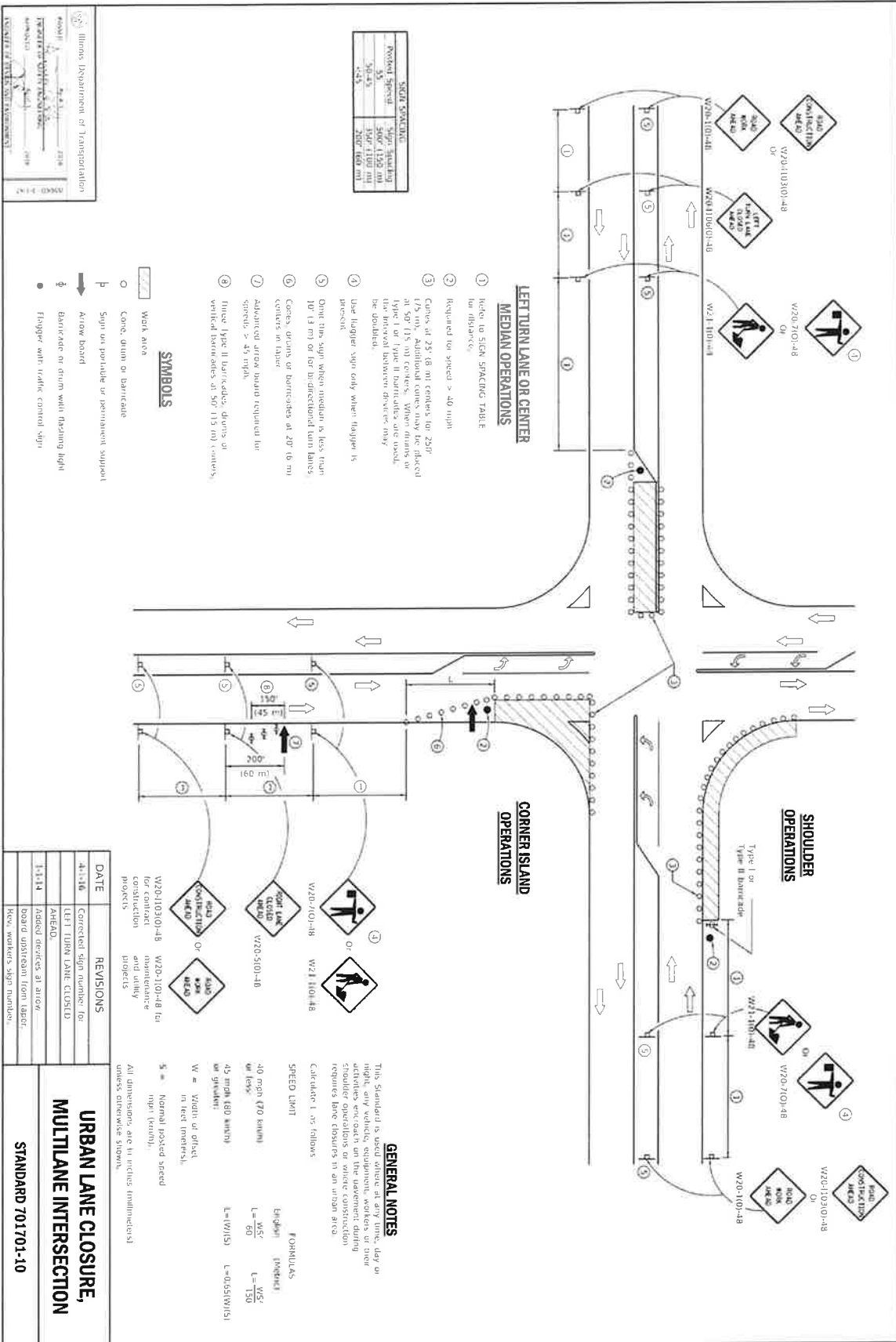


GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will be present on the roadway or shoulder where the average speed is greater than 3 mph (5 km/h).
 For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426
 All dimensions are in inches (millimeters) unless otherwise shown.

DATE	BY

DATE	BY



SIGN SPACING	
Normal Speed	300'
30-45 mph	100'-150'
45-55 mph	150'-200'
55-70 mph	200'-400'

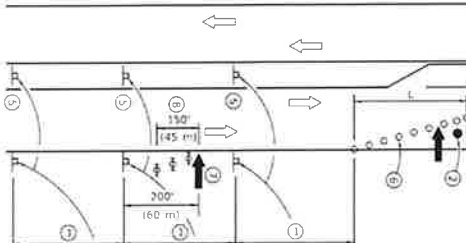
LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

1. Refer to SIGN SPACING TABLE for distance.
2. Required for speed > 40 mph.
3. Cures at 35'-60' centers for 25% of road width. Minimum spacing at 50' 115' m centers when drums or Type I or Type II barricades are used. The interval between devices may be doubled.
4. Use larger sign only when flagger is present.
5. Omit this sign when median is less than 10' 13' m or for bidirectional turn lanes.
6. Cones, drums or barricades at 20' 6' m centers in taper.
7. Advance area board required for speeds > 45 mph.
8. Three Type II barricades, drums or vertical barricades at 50' 115' m centers.

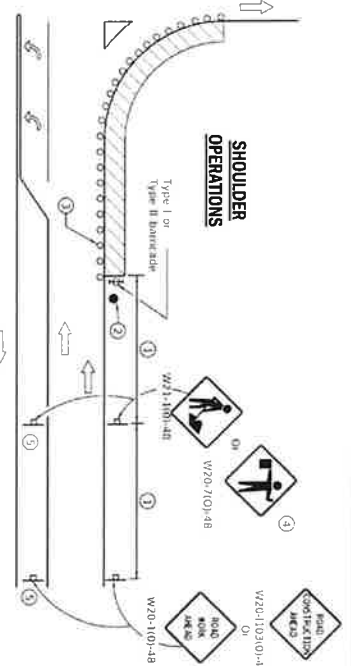
SYMBOLS

- Work area
- Cones, drums or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

CORNER ISLAND OPERATIONS



SHOULDER OPERATIONS



GENERAL NOTES

This Standard is used where at any time, day or night, the work area is exposed to the traffic activities, except on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:
SPEED LIMIT

40 mph (70 km/h)	Engine	Formula
45 mph (70 km/h)	L = WS'	L = 150'
60 mph (95 km/h)	L = WS'	L = 150'
45 mph (70 km/h)	L = (W/15)	L = (0.55W/15)

45 mph (70 km/h) or less
W = Width of object in feet (meters)
S = Normal posted speed in mph (km/h)
All dimensions are in feet (meters) unless otherwise shown.

DATE	REVISIONS
4-1-10	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from laborer.

URBAN LANE CLOSURE, MULTILANE INTERSECTION	
STANDARD 701701-10	

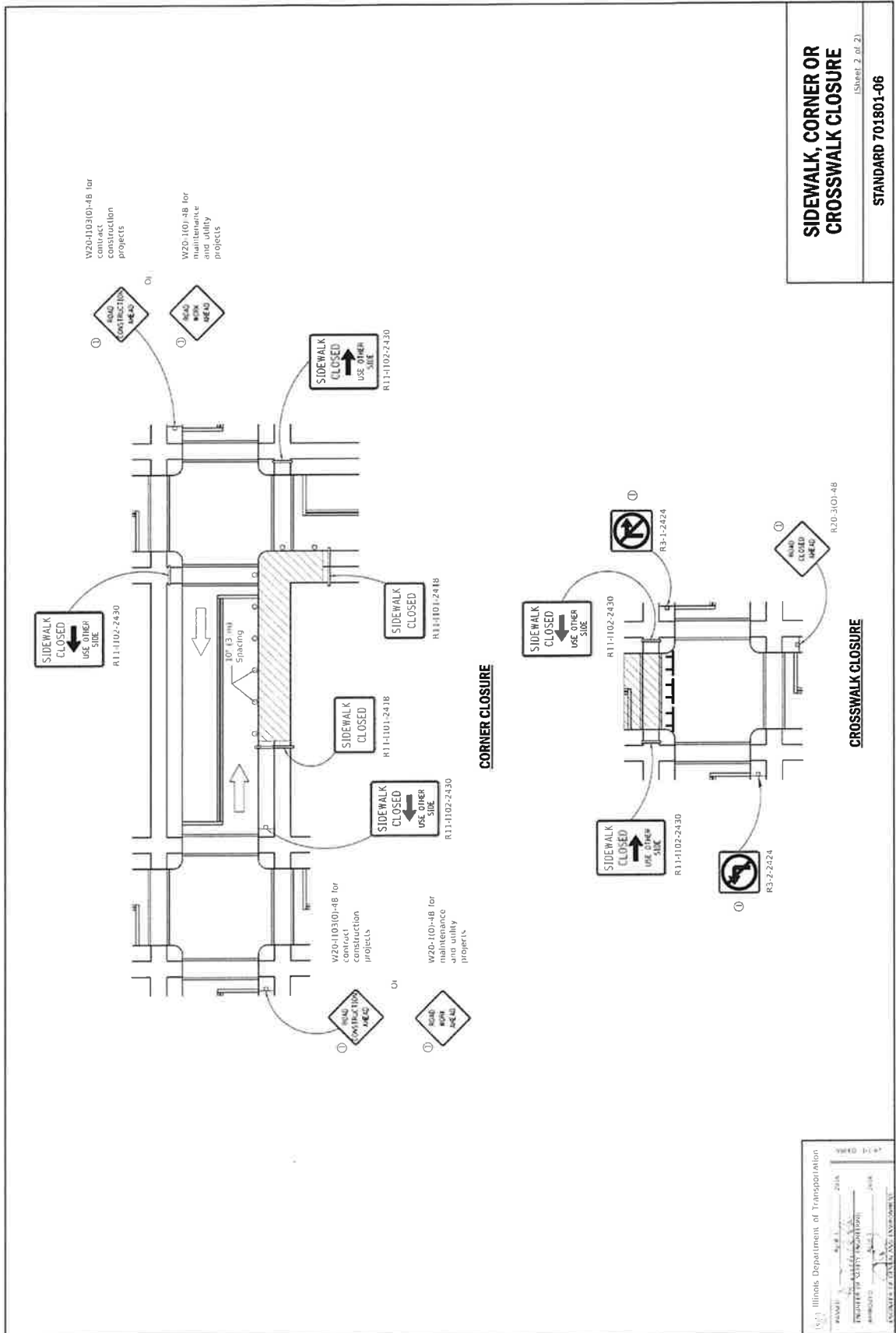
CIVILTECH
The Illinois State Survey
1000 North Dearborn Street, Suite 1400
Chicago, Illinois 60610
Tel: (312) 231-2800
Fax: (312) 231-2805
www.civiltech.com

BY	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADDITION HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
LOCAL HIGHWAY STANDARDS

DATE	BY



SIDEWALK, CORNER OR CROSSWALK CLOSURE
 (Sheet 2 of 2)
STANDARD 701801-06

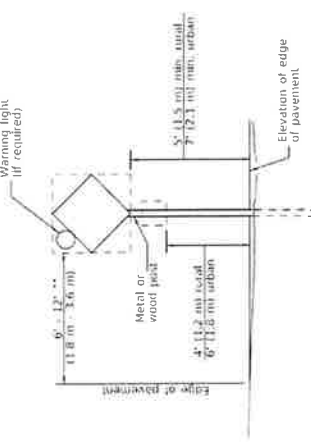
ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL IDOT HIGHWAY STANDARDS		COUNTY: COOK DISTRICT: 14 SHEET NO. OF 20 SHEETS: 14A DATE: 10/2014
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ILLINOIS DIVISION: IDOT PROJECT: 14A SHEET NO.: 701801-06

ILLINOIS Department of Transportation
 Illinois, Illinois DOT
 4110 S. ILLINOIS
 SPRINGFIELD, IL 62762
 TEL: 217.243.3875
 WWW.IDOT.IL.GOV



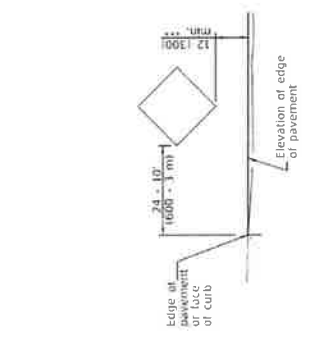
DATE	BY	REVISION

DATE	BY	REVISION



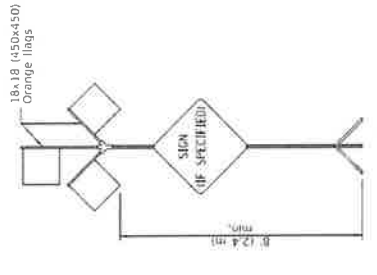
POST MOUNTED SIGNS

.. When curb or paved shoulder are present this dimension shall be 24' (7.3 m) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

... When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height completely above the devices.



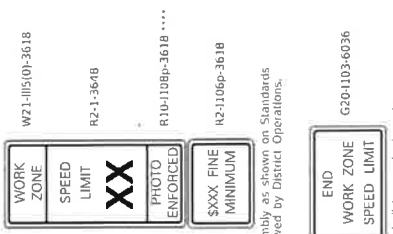
HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES
G20-1040-6036

END CONSTRUCTION
G20-1105(0)-6024

This sign is required for all projects 2 miles (3200 m) or more in length.
ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.
END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).
Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

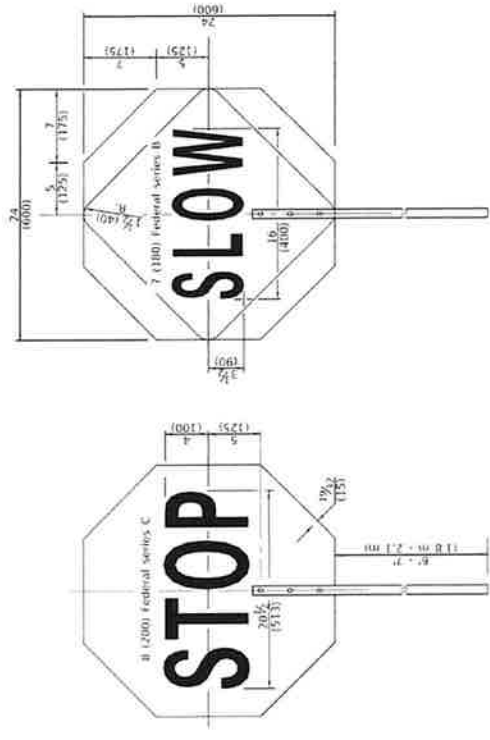


Sign assembly as shown on Standards or as allowed by District Operations.

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

.... R10-108s shall only be used along roadways under the jurisdiction of the State.



FLAGGER TRAFFIC CONTROL SIGN



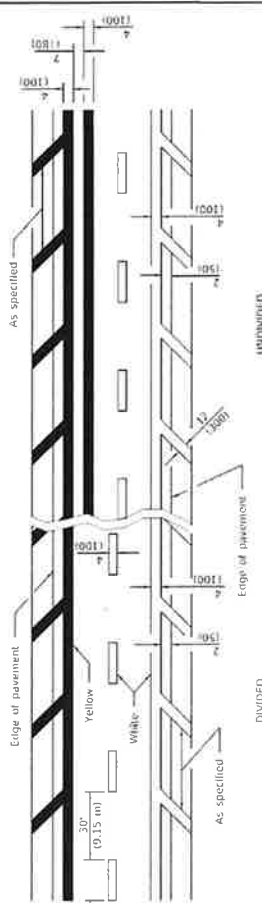
WIDTH RESTRICTION SIGN

XX-XX" width and X miles are variable.



TRAFFIC CONTROL DEVICES
STANDARD 701901-08
(Sheet 2 of 3)

ANTHONY HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL IDOT HIGHWAY STANDARDS		SHEET 28 OF 22 SHEETS 37A 10.14.14	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		COUNTY: COOK DISTRICT: 15 SECTION: CONTRACT NO. A200A	
DESIGNER:	DRAWN BY:	CHECKED BY:	DATE:
ILLINOIS DEPARTMENT OF TRANSPORTATION 500 North Dearborn Street, Suite 1400 Chicago, IL 60610 Tel: 312/243-8000 Fax: 312/243-2975 www.idot.state.il.us	DESIGNER:	DRAWN BY:	CHECKED BY:



2 LANE

LANE AND EDGE LINES

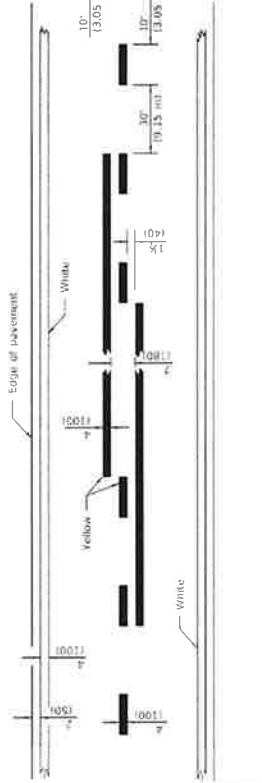
Approximately 15' (4.5 m) from the right edge of the road, place a 12" x 12" sign with the following text: "STOP HERE ON RED CROSSING".



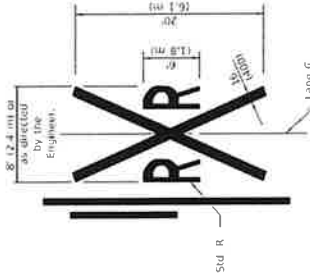
NOTES:
The tolerance spread of the "X" may vary according to lane width.

On multi-lane roads, the stop lines shall extend across all approach lanes and separate the "X" symbols shall be placed adjacent to each other in each lane.

When the pavement marking symbol is faded, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Public Works, Condition B of the MUTCD.



MULTI LANE



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-15	Added symbols. Revised blue symbol. Revised color for stop line at RR crossing.
1-1-14	Added blue symbol. Assumed "LANE DROP AHEAD" detail to "LANE REDUCTION AHEAD."

TYPICAL PAVEMENT MARKINGS

STANDARD 780001-05

Illinois Department of Transportation
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 100 North Dearborn Street, Springfield, IL 62762
 (618) 243-3000
 www.idot.state.il.us

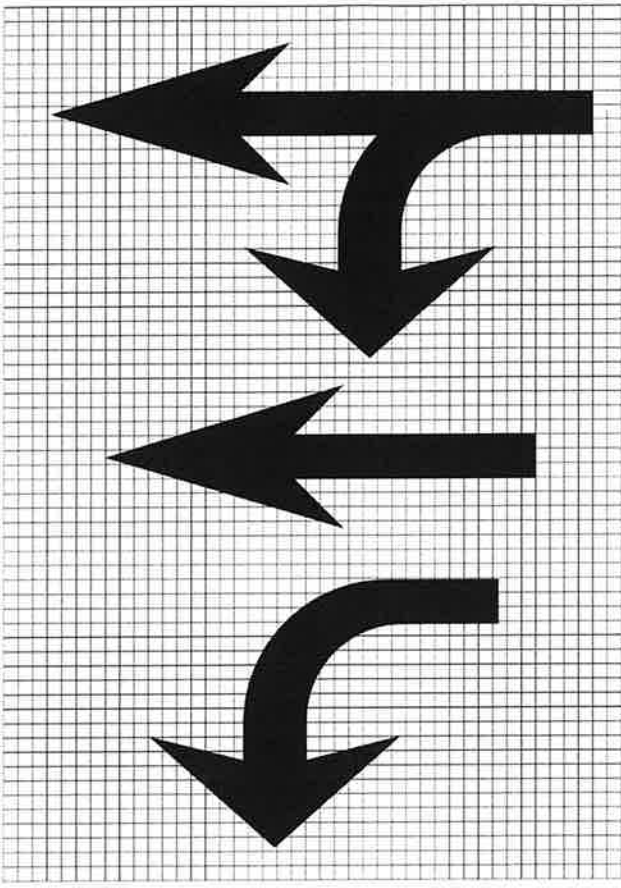
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
 IDOT HIGHWAY STANDARDS

PLANS	SHEET	37A	10-37A
DATE	10/15/15	CONTRACT NO.	XXXXX
COUNTY	COOK	SECTION	
PROJECT		DATE	



A B C D E F G H I J
 K L M N O P Q R S
 T U V W X Y Z 1 2
 3 4 5 6 7 8 9 0



Legend	Height	Arrow Size	Symbol
6"	11.8 m	Small	2.9 (14)
8"	20.4 m	Large	3.8 (96)



The space between adjacent letters or numerals should be approximately 3/75 for 6" (1.8 m) legend and 4/100 for 8" (2.4 m) legend.

LETTER AND ARROW GRID SCALE

Illinois Department of Transportation
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 500 North Dearborn Street, Springfield, IL 62761
 Phone: 217/243-8000 Fax: 217/243-8001
 www.idot.state.il.us

TYPICAL PAVEMENT MARKINGS
 STANDARD 780001-05
 (Sheet 2 of 3)

PROJECT NO. _____ SHEET NO. 22 OF 22 SHEETS DATE: _____	ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL IDOT HIGHWAY STANDARDS	COUNTY _____ TOWNSHIP _____ SECTION _____ RANGE _____ TOWNSHIP _____ COUNTY _____ STATE _____ CONTRACT NO. _____
---	--	---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



CivilTech
 1000 West Park Drive, Suite 1000
 Naperville, IL 60563
 Phone: 630-773-8915
 Fax: 630-773-8915
 www.civiltech.com

DATE	BY	REVISION

DATE	BY	REVISION

DATE	BY	REVISION

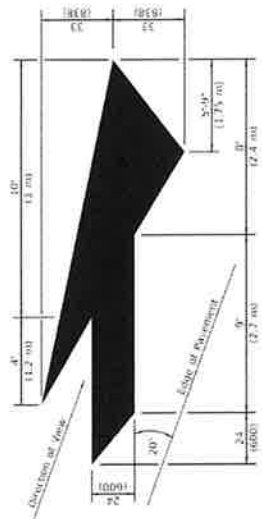
DATE	BY	REVISION



20" (508 mm) urban
50" (1270 mm) rural
(between arrow
and word or
between words)

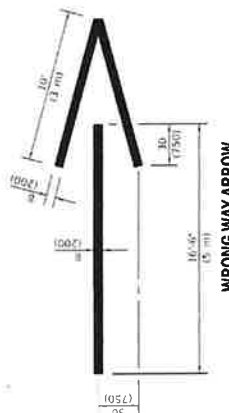
ONLY

WORD AND ARROW LAYOUT

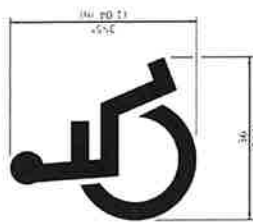


LANE-REDUCTION ARROW

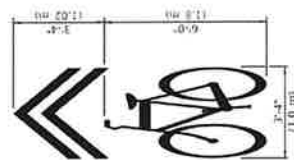
Right lane-reduction arrow shown.
Use mirror image for left lane.



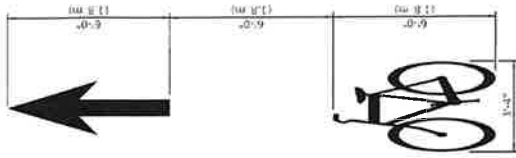
WRONG WAY ARROW



INTERNATIONAL SYMBOL OF ACCESSIBILITY



SHARED LANE SYMBOL



BIKE SYMBOL
(Arrow is optional.)

TYPICAL PAVEMENT MARKINGS
(Sheet 3 of 3)
STANDARD 780001-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: [Date]



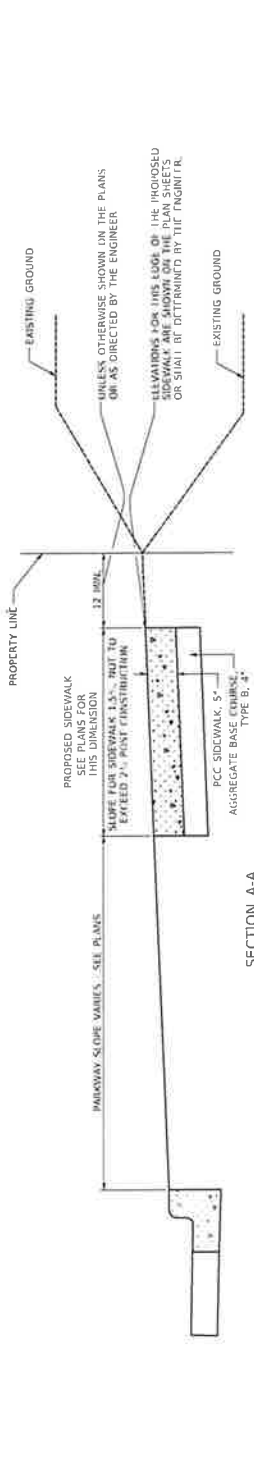
Two Peas Plank, Suite 100
1000 West 10th Street
Moline, IL 61704
Phone: 309.733.3915
www.civiltech.com

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: [Date]

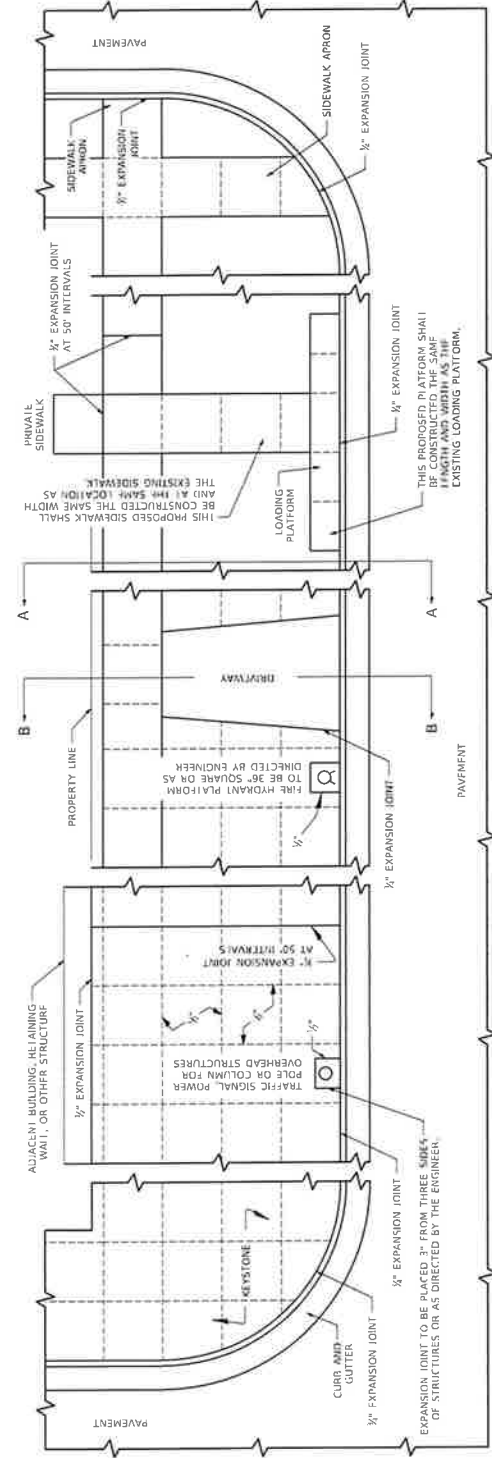
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARLINGTON HEIGHTS ROAD CROSSWALK RELOCATION AT BUFFALO GROVE HIGH SCHOOL
IDOT HIGHWAY STANDARDS

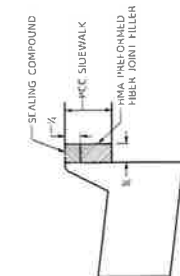
PROJECT NO.	10 33A
SHEET NO.	32
TOTAL SHEETS	35A
DATE	10/13/14
DESIGNED BY	[Signature]
CHECKED BY	[Signature]
DATE	[Date]
PROJECT NO.	10 33A
SHEET NO.	32
TOTAL SHEETS	35A
DATE	10/13/14
DESIGNED BY	[Signature]
CHECKED BY	[Signature]
DATE	[Date]
PROJECT NO.	10 33A
SHEET NO.	32
TOTAL SHEETS	35A
DATE	10/13/14



SECTION A-A



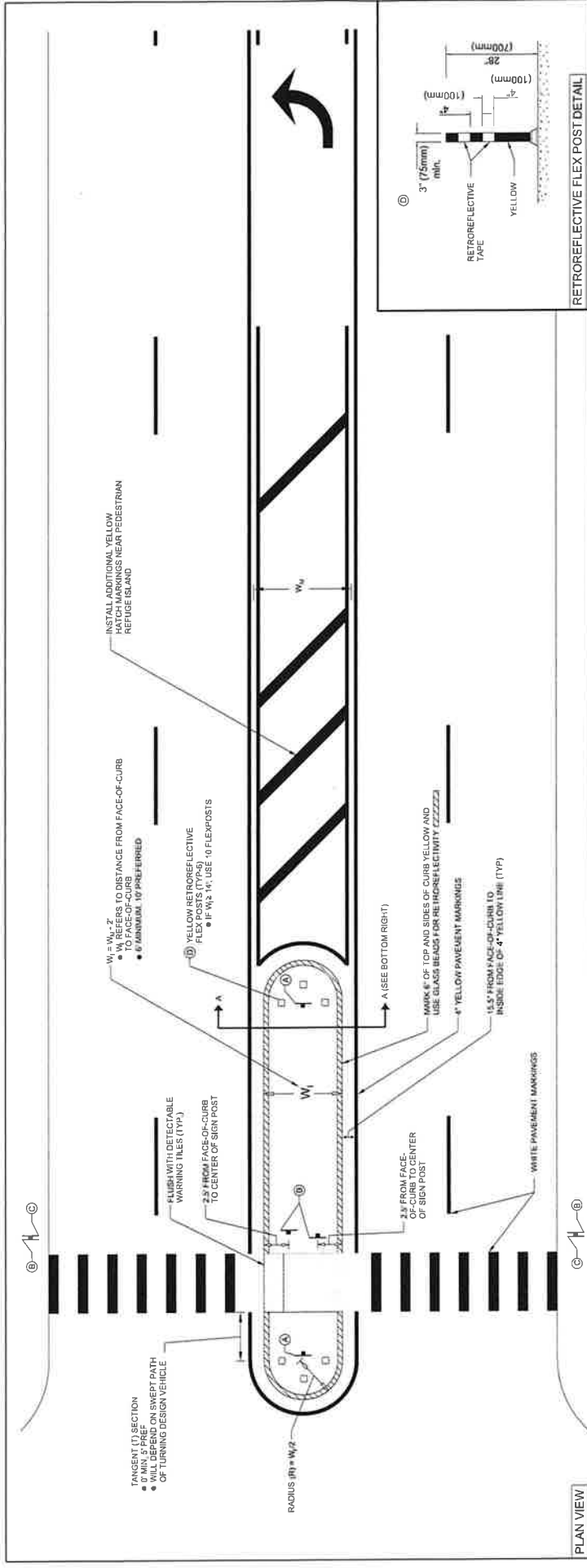
SECTION B-B



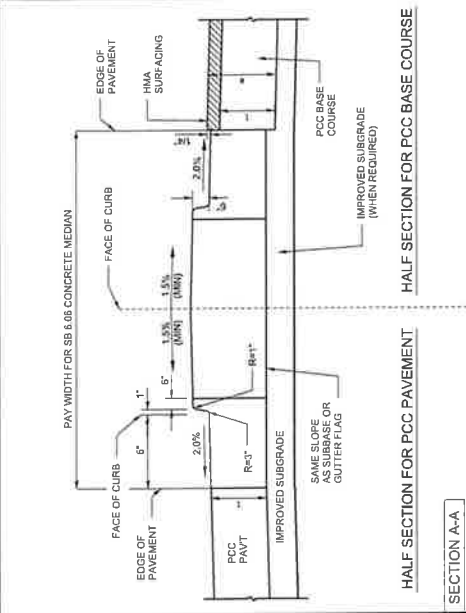
EXPANSION JOINT DETAIL

GENERAL NOTES:
 ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT BIDDING DOCUMENTS. ALL EXPANSION JOINTS SHALL BE CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

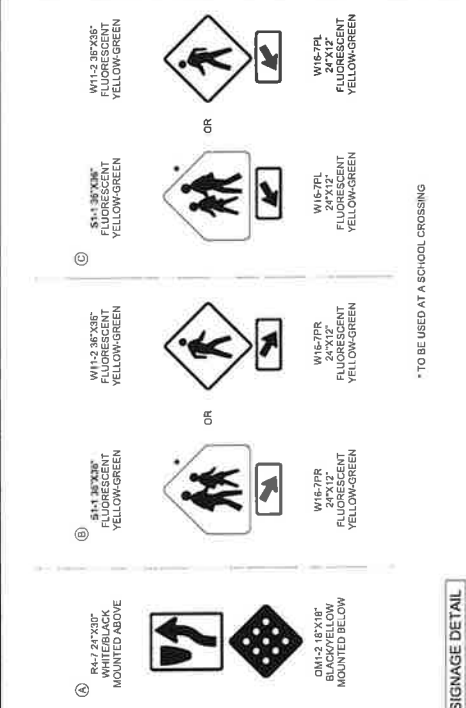
MUNICIPALITY: IL		COUNTY HIGHWAY: XXX	COMPUTED: XXX	DATE: 1/2023
MUNICIPALITY: IL		FISCAL YEAR: XXXX	DRAWN: XXX	
NAME TOWNSHIP		SECTION: XX-XX-XX-XX-XX	CHECKED: XXX	
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS COUNTY OF COOK PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL STANDARD C-003 COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS				



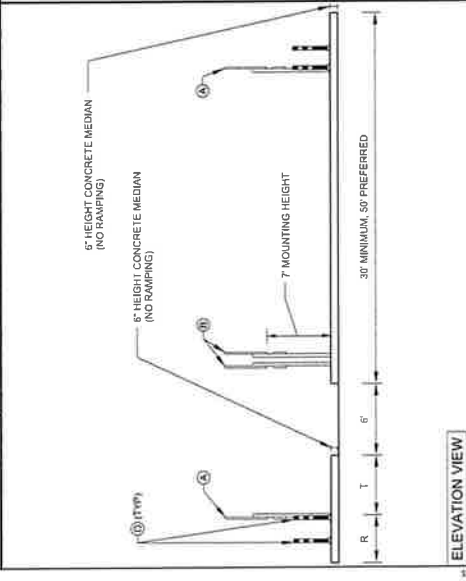
PLAN VIEW



ELEVATION VIEW



SIGNAGE DETAIL



RETROREFLECTIVE FLEX POST DETAIL

<p>RAISED CONCRETE PEDESTRIAN REFUGE ISLAND (INTERSECTION) COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-012</p>		<p>DATE: _____ DESIGNED BY: _____ CHECKED BY: _____</p>	
<p>SECTION A-A</p>		<p>COMPUTED BY: _____ DRAWN BY: _____ CHECKED BY: _____</p>	
<p>SECTION A-A</p>		<p>COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS</p>	
<p>SECTION A-A</p>		<p>MUNICIPALITY: IL XXXX MUNICIPALITY: IL XXXX NAME TOWNSHIP SECTION: 1X-XX-XX-XX-XX</p>	

SOIL EROSION & SEDIMENT CONTROL STANDARD NOTES

THE FOLLOWING EROSION AND SEDIMENT CONTROL NOTES APPLY TO BEST MANAGEMENT PRACTICES DURING ALL PHASES OF CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER.

ADDITIONAL NOTES MAY BE FOUND ON THE SOIL EROSION AND SEDIMENT CONTROL PLANS.
 FOR ALL PROJECTS THE ENGINEER WILL INSPECT ALL TEMPORARY AND PERMANENT EROSION CONTROL STRUCTURES AND MEASURES TO BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPLACE ALL EROSION CONTROL MEASURES / STRUCTURES AS NECESSARY.

ONCE CONSTRUCTION IN A DISTURBED AREA HAS BEEN COMPLETED, PERMANENT STABILIZATION MEASURES WILL BE IMPLEMENTED WITHIN SEVEN DAYS.

ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.
 FOR PROJECTS DISBURSING ONE ACRE OR MORE OF SOIL, THE SOIL AND WATER CONSERVATION DISTRICT MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO FINAL INSPECTION PER NURS REQUIREMENTS.

WHILE OPERATING UNDER AN ACOE PERMIT, A STRIPPED AND SIGNED COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES AND BE PRESENTED WHEN REQUESTED BY THE SWCD, U.S. ARMY CORPS OF ENGINEERS OR ANY OTHER AUTHORIZED AGENCY.

TOPSOIL

SUBJECT TOPSOIL AS DESCRIBED IN SECTION 211 SHALL BE USED. ORGANIC CONTENT SHALL BE NOT LESS THAN 1.5% BY WEIGHT AND PI RANGE FROM 6.0-7.5.

IF TOPSOIL IS TO BE STOCKPILED AT THE SITE, A LOCATION SHALL BE SELECTED SO THAT IT WILL NOT BE ERODED, BLOCKED OR OTHERWISE DESTROYED. THE SITE SHALL BE PROTECTED BY THE ENGINEER. LOCATIONS SHALL BE DISCUSSED AND DETERMINED AT THE PRE-CONSTRUCTION CONFERENCE.

ALL STOCKPILES SHALL BE IMMEDIATELY PROTECTED WITH SILT FENCE, PERMEABLE BARRIERS, TEMPORARY SEEDING OR STOCKPILES SHALL BE COMPLETED WITHIN 7 DAYS OF FORMATION OF STOCKPILE IF IT IS TO REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT SEEDING OF STOCKPILE SHALL BE COMPLETED WITHIN 7 DAYS OF FORMATION OF STOCKPILE IF IT IS TO REMAIN UNDISTURBED FOR MORE THAN 12 MONTHS.

ADDITIONAL TOPSOIL FROM OUTSIDE THE R.O.W. SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE PROVIDED THAT THE MATERIAL MEETS THE REQUIREMENTS DESCRIBED ABOVE FOR TOPSOIL.

TREE PROTECTION

THE CONTRACTOR SHALL TAKE EXTREME CAUTION NOT TO DISTURB ANY TREES WITHIN THE PAVEMENT AREAS. ALL METHODS OF TREE PROTECTION SHALL BE APPROVED BY THE ENGINEER.

IF PROTECTIVE FENCE IS TO BE USED, THE FENCE SHALL BE LOCATED OUTSIDE THE DRIP LINE OF THE TREE TO BE SAVED AND IN NO CASE CLOSER THAN 5 FEET FROM THE TRUNK OF ANY TREE.

FENCE POSTS SHALL BE EITHER STANDARD MINIMUM CROSS SECTIONAL AREA OF 3.0 INCH S10E16 POSTS OR WOOD POSTS.

THE FENCE MAY BE EITHER 40 INCH HIGH SNOW FENCE, 40 INCH PLASTIC WEF FENCING OR ANY OTHER MATERIAL AS APPROVED BY THE ENGINEER/INSPECTOR.

SODDING / PERMANENT SEEDING

PERMANENT SEEDING SHALL BE APPLIED TO THE AREA ACCORDING TO THE IDOT STANDARD SPECIFICATIONS SECTION 250 FOR SODDING AND SECTION 252 FOR SEEDING.

PERMANENT SEEDING SHALL BE PLACED IN ACCORDANCE WITH SECTION 250.

SODDING SHALL BE PLACED IN ACCORDANCE WITH SECTION 252.

PRIOR TO SOIL PLACEMENT, AREAS TO BE SODDED SHALL BE BROUGHT TO FINAL GRADE. ANY IRREGULARITIES IN SOIL SURFACE SHALL BE FILLED OR GRABED TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.

SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 48 HOURS.

AS SODDING OF DEFINED AREAS IS COMPLETED, SOD SHALL BE TAMPED OR ROLLED TO PROVIDE FIRM CONTACT BETWEEN SOILS AND SOIL. FILL ANY GAPS BETWEEN EDGES OR ENDS OF SOD MATS WITH COUD SOIL AND ROLL. AFTER ROLLING IS COMPLETE, SOD SHALL BE IRRIGATED AT THE RATE THAT DOES NOT RESULT IN RUNOFF.

SUPPLEMENTAL WATERING HAS BEEN PROVIDED IN THE EVENT OF PERIODS EXCEEDING 80 DEGREES FAHRENHEIT OR SURROUNDING RAINFALL.

TEMPORARY CONCRETE WASHOUT FACILITY

TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FIBERBOARD OF 1 INCHES FOR ABOVE GRADE FACILITIES AND 12 INCHES FOR BELOW GRADE FACILITIES. FACILITIES SHALL BE MAINTAINED TO PREVENT THE FLOW OF CONCRETE AND WASHING OF DEBRIS INTO ANY ADJACENT WATERWAY.

EXISTING FACILITIES MUST BE CLEANED OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS TWO-THIRDS FULL.

TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED FOR DAMAGE (E.G., TEARS IN PLASTIC LINER, MISSING SAND BAGS, ETC.). DAMAGED FACILITIES SHALL BE REPAIRED PROMPTLY.

DEWATERING

DEWATERING MEASURES SHALL COMPLY WITH THE ILLINOIS URBAN MANUAL DURING DEWATERING, ALL SEDIMENT-HOLDING WATER MUST BE FILTERED TO REMOVE SEDIMENT, POSSIBLY OPTIONS FOR SEDIMENT REMOVAL INCLUDE RAFFLE SYSTEMS, POLYMER SCREENS, DEWATERING DRAGS, OR OTHER METHODS. DEWATERING MEASURES MUST BE PROVIDED TO PREVENT DISCHARGE OF WATER INTO ADJACENT WATERWAYS. DEWATERING MEASURES MUST BE PROVIDED TO PREVENT DISCHARGE OF WATER INTO ADJACENT WATERWAYS. DEWATERING MEASURES MUST BE PROVIDED TO PREVENT DISCHARGE OF WATER INTO ADJACENT WATERWAYS. DEWATERING MEASURES MUST BE PROVIDED TO PREVENT DISCHARGE OF WATER INTO ADJACENT WATERWAYS.

PERIMETER EROSION BARRIER / SILT FENCE
 PERIMETER EROSION BARRIER SILT FENCE SHALL BE INSTALLED AND FUNCTIONING PROPERLY PRIOR TO ANY EARTHWORK ACTIVITIES IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

FABRIC FILTER MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1080.02 MATERIAL STANDARD.

TEMPORARY DITCH CHECKS

DITCH CHECKS SHOULD BE PLACED AS SHOWN ON THE PLANS AND INSTALLED IN ACCORDANCE WITH THE ILLINOIS MATERIAL STANDARD. ROLLED EROSION, TRIANGULAR GOTEKITEIL OR STONE AGGREGATE MAY BE USED AS TEMPORARY DITCH CHECKS.

FOR STORM AGGREGATE DITCH CHECKS, FABRIC MATERIAL SHALL BE PLACED OVER THE CITYARD AREA PRIOR TO PLACING THE ROCK AND SHALL MEET THE REQUIREMENTS OF SECTION 1080.02.

FOR ADDED STABILITY, THE BASE OF ALL DITCH CHECKS MAY BE KEVED 6 INCHES INTO THE SOIL.

STRAW BALES SHALL NOT BE USED AS TEMPORARY DITCH CHECKS IN COOK COUNTY PER SOIL WATER CONSERVATION DISTRICT REQUIREMENTS.

THE UNIT WHICH FOR ILLINOIS DITCH CHECKS INCLUDES THE COST OF UNLATCHING DITCH CHECKS, WHEN A REPLACEMENT DITCH CHECK IS NEEDED AT ANY LOCATION CALLED FOR ON THE PLAN IT WILL NOT BE PAID FOR SEPARATELY.

THE BEST MANAGEMENT PRACTICES ARE TEMPORARY AND SHALL BE REMOVED WHEN THEY ARE NO LONGER REQUIRED OR WHEN PERMANENT MEASURES ARE INSTALLED.

EROSION CONTROL BLANKET

A QUANTITY OF EROSION CONTROL BLANKET HAS BEEN PROVIDED AND SHALL BE USED TO PROTECT ALL AREAS WITHI THE PERIMETER OF THE PROJECT. EROSION CONTROL BLANKET SHALL BE INSTALLED IMMEDIATELY UPON FINAL GRADING UNTIL STABILIZED WITH SODDING, BOWNS, BELANS, ETC.

TYPE OF BLANKET SHALL BE APPROVED BY THE ENGINEER AND INSTALLED IN ACCORDANCE WITH THE ILLINOIS URBAN CONSERVATION DISTRICT REQUIREMENTS.

THIS BLANKET WILL BE IN FIRM CONTACT WITH THE SOIL. IT SHALL BE ANCHORED IN MANUFACTURER'S RECOMMENDATION WITH THE PROPER NUMBER AND SPACING OF WIRE STAPLES WHOSE LENGTH AND HEIGHT MEET MANUFACTURER'S RECOMMENDATION.

EROSION CONTROL BLANKET SHALL BE LOOSELY PLACED OVER GROUND SURFACE AND STAPLED, DO NOT STRETCH MATERIAL.

THE BLANKET WILL BE INSTALLED UPSTREAM TO DOWNSTREAM CHANNELS. TO THE EXTENT THAT IT IS IN CONTACT WITH AND PERPENDICULAR TO THE FLOW ON THE SLOPES, THE UPSTREAM END OF EACH BLANKET SHALL BE ANCHORED IN A MINIMUM 6 INCH ANCHOR TRENCH. THESE BLANKETS WHEN LAID SIDE BY SIDE SHALL OVERLAP A MINIMUM OF 4 INCHES. BLANKETS SHALL OVERLAP 12 INCHES AT THE DOWNSTREAM END.

INLET AND PIPE PROTECTION / INLET FILTERS

INLET AND PIPE PROTECTION AND INLET FILTERS SHALL BE INSTALLED AND FUNCTIONING PROPERLY PRIOR TO ANY EARTHWORK ACTIVITIES IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL SITE STABILIZATION.

INLET FILTERS SHALL BE USED FOR ALL CATCH BASINS AS SHOWN ON THE PLANS AND AT ANY LOCATION DEEMED NECESSARY BY THE ENGINEER.

FABRIC PROTECTIVE INLET PROTECTION SHALL BE USED FOR UPSTREAM FLARED END SECTIONS AND SHALL CONFORM TO THE CURFANT DOT HIGHWAY STANDARDS FOR TEMPORARY EROSION CONTROL SYSTEMS EXCEPT STRAW BALES SHALL NOT BE USED.

THE STAKES SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET A MINIMUM OF 4 FEET APART, AND SECURELY DRIVEN INTO THE GROUND APPROXIMATELY 18 INCHES DEEP.

THE SILT FENCE SHOULD BE BACK FILLED WITH CRUSHED STONE OR COMPACTED SOIL AS SHOWN ON THE DETAIL FOR SILT FENCE.

SLOPES SHOULD BE PROTECTED WITHIN 10 DAYS OF CONSTRUCTION. THE WORK AREA SHALL BE PROTECTED BY PIPE PROTECTION, OR DITCH CHECK AND WILL BE PAID FOR AS EARTH EXCAVATION FOR EROSION CONTROL.

BOX CULVERT INSTALLATION

THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER SHOP DRAWINGS AND DESIGN CALCULATIONS OF COEFFICIENTS FOR PROTECTION OF THE BOX CULVERT TO BE CONSTRUCTED. SEE SPECIAL PROVISION - MAINTAINING DRAINAGE AND STREAM PROTECTION.

APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL METHODS SHALL BE INSTALLED, MAINTAINED AND DOCUMENTED THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND STREAM PROTECTION.

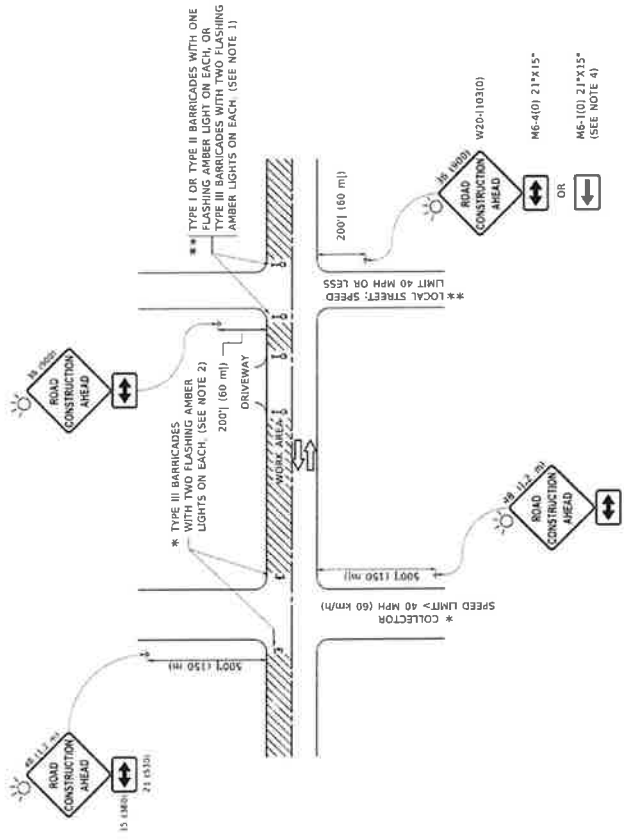
A SUMP PIT SHALL BE USED DURING DEWATERING OPERATIONS OF THE WORK AREA AS APPROVED BY SWCD AND SHALL BE DISCHARGED TO A SEDIMENT BASIN OR BAG OF ADEQUATE SIZE TO PROVIDE FOR SETTLEMENT PRIOR TO DISCHARGE TO DRAINAGE SYSTEM OR URBAN MAN. SEE ILLINOIS URBAN MANUAL PRACTICE STANDARD FOR DE WATERING - CODE B13. WATER SHALL BE DISCHARGED TO THE DRAINAGE SYSTEM THROUGH A FILTER AND SHALL NOT BE DISCHARGED AS A UNIT AS NO SEDIMENT OCCURS FROM THE DISCHARGE OPERATIONS.

THE DISCHARGE OF WATER FROM DEWATERING OPERATION DIRECTLY INTO THE STREAM OR DRAINAGE SYSTEM IS STRICTLY PROHIBITED.

THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT CAN BE CONTACTED AT (774) 875-7590 BY APPOINTMENT ONLY.

THE WILL SOUTHWEST COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT CAN BE CONTACTED AT (815) 462-3106, EXT. 4, MONDAY - FRIDAY FROM 10:00 AM TO 4:00 PM OR BY FAX AT (815) 462-1176.

COUNTY (FED/STATE): XXX MUNICIPALITY, IL: XXXX FISCAL YEAR: 20XX SECTION: 100-1-XXX-XX-XX	COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: _____ DRAWN: _____ CHECKED: _____	SOIL EROSION & SEDIMENT CONTROL NOTES COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD EC-001
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NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
 - SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE AND THE END OF THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

All dimensions are in inches (millimeters) unless otherwise shown.

DESIGNED BY: L.H.A. DRAWN BY: J.P.P. CHECKED BY: A.S. DATE: 08-09		REVISIONS: A. HANCOCK 10-15-98 REVISIONS: E. BARNHARTER 01-26-00 REVISIONS: A. SCHAEFER 02-03-03 REVISIONS: A. SCHAEFER 09-15-08		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		SCALE: 1" = 40' (1:1600) SHEET NO. 10-100 OF 1 SHEETS TOTAL SHEETS 10-100		COUNTY: ILLINOIS SECTION: 10-100 SHEET NO.: 10-100 CONTRACT NO.: 10-100	
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